

ARCHITECTURAL EXPANSION JOINTS



www.unitech-ikk.com
www.nexus-ikk.com
www.ikkgroup.com



UNITECH

For Building and Construction Materials

NEXUS EXPANSION JOINT SYSTEMS

NEXUS

PRODUCED BY



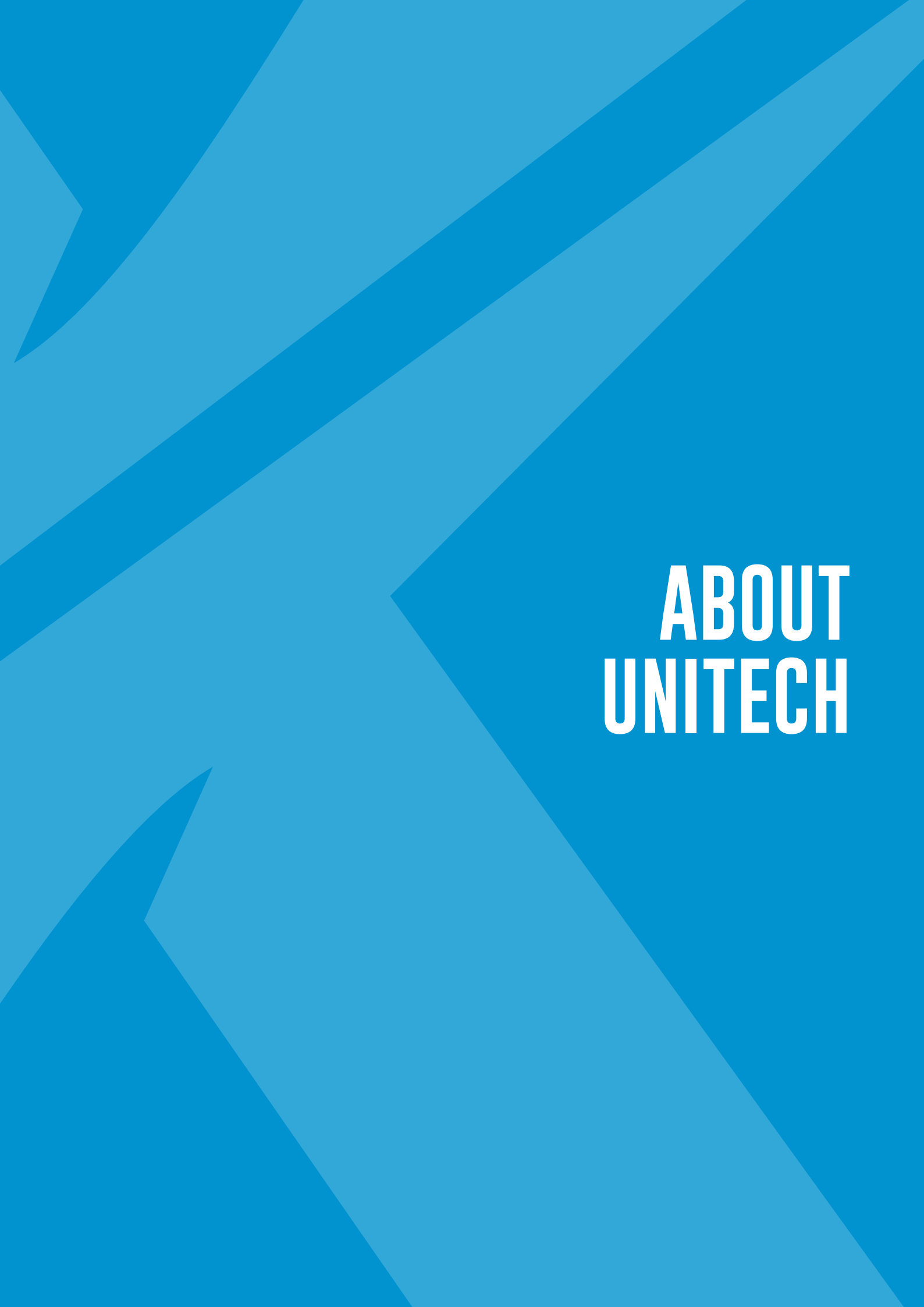
SPECIALIZED FACTORY FOR STEEL PRODUCTS
SIGMA FACTORY FOR STEEL PRODUCTS



Nexus Expansion Joint Systems

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ABOUT UNITECH

Unitech Introduction

Unitech is a Saudi based Multinational Company providing building and construction solutions that is empowering the region's construction industry for the past 40+ years. We have been successfully providing solutions through mastering our main business activities: Design, Manufacture and Trade.



Design:

Provide Design & Engineering Solution to the construction sector, complying with international & local standards.



Manufacture:

Operating with Global Standards, we are widely recognized for our advanced light steel solutions and Hot-Dip Galvanization Facility.



Trade:

We are one of the region's largest Importer/Exporter of Building & Construction Materials.

Unitech is an ISO QMS 9001:2015 certified company and is a member of the US Green Building Council. Our experienced teams and operations are present across the Middle-East North Africa regions (MENA) and Pakistan, giving us an extensive regional network that benefits our clients and partners. We are also present in Europe via our design and engineering office in Stuttgart.

For more information, please visit: www.unitech-ikk.com

Mission & Vision

Our Vision

To be the Customer's First Choice...

Our Mission

We have the conviction to be the leader in building & construction industry through:

- A- Providing Excellence in services with Passionate & Educated sales force
- B- Strengthen culture through Unified Sense Of Purpose
- C- Developing Innovative Product Range which is Customer Centric
- D- Constantly providing Reputable and Quality services to the construction industry
- E- Attracting, Engaging, Retaining and Continuously Developing Talent

Our Strategy

Unitech's strategy continues to focus on accelerating its business throughout the region, to service the construction sector via superior products & solutions, backed up by a group of highly experienced people in the field. Unitech also aims to enhance its geographical presence in its areas of interest and where opportunities exist.

We combine a deep understanding of building and construction materials markets with a successful history of upgrading our products and developing our processes.

We have the qualified employees, the know-how and the products to service major construction projects, medium sized to mega projects taking in care our positive contribution to our societies.

We thrive towards excellence by acknowledging:



Customer
Satisfaction



Partner and
Supplier
Relations



Employee
Retention



Positive Influence on
Society and Environment

Our Employees

We are a company that prides itself on its 'family' culture and we seek out high-caliber people. We are a company that has, at its core, a team philosophy that is clearly apparent each and every day - there is a real sense of being there for one another.

We believe in nurturing the skills of our team members and providing growing levels of responsibility. Our people bring unique skills, energy, expertise, experience and perspectives to our workforce.

Unitech's family of employees consists of experienced, well-motivated and dedicated team of engineers, technicians, sales executives and management staff. This team is committed to serve our customers, with the best solutions available in the market.

Our Journey

40+ Years of Excellence

Since 1979, having been set to become an independent company under the framework developed by Sheikh Isam Kabbani, Unitech started its journey of success with confidence and enthusiasm, hard work and care to detail and a commitment to become the best within its industry.

Its dedicated people could only imagine what the future could bring to this newly established entity. Unitech's journey of success has been marked with outstanding achievements and superior accomplishments. Year by year, Unitech has been acknowledged as the "First Choice for Building & Construction Material" by major construction consultants in the region, governmental authorities, well-known contracting and project development corporations.

We have obtained invaluable knowledge about the construction industry in general, providing specialized solutions to construction projects throughout MENA region. From a couple of outlets in Saudi Arabia, Unitech today is present all over the Kingdom and in several countries throughout the region providing its products and solution to various locations worldwide.



Est. 1979

THE BEGINNING

Unitech was established in the Western Region of KSA as a Sales Company selling basic construction material.

During the same year, another branch was established in the heart of the kingdoms capital, Riyadh.



1980 to 1989

AGE OF GREAT RISK

Unitech Dammam was open for business in the oil-rich eastern coast of Saudi Arabia.

Within these 10 years the idea of in-house manufacturing facility was born and Specialized Factory for Steel Products (SFSP) was established in Riyadh.



1990 to 1999

AGE OF GROWTH

Branches of Unitech were established in Makkah, Madina, Khamis Mushayt and Jubail.

The need to increase its range of products and the necessity to have production lines for mass production lead to the decision to move the SFSP Factory from Riyadh to Jeddah.

Pioneering Construction Since 1979

We are constantly evolving in order to become more flexible in our operations, more sustainable in our societies, and more innovative in conducting our business.

By delivering superior products tailored to the specific construction needs, ambitious solutions, and an outstanding customer service, we serve today's needs through developing tomorrow's markets.

Helping construction projects experience success is what fueled its days. Unitech is keen to continue offering superior products, a wide spectrum of solutions, governed by our top-notch management style.

Such aspirations require trust in our responsibilities. Our Responsibilities for the future and with this in mind we continue to target excellence with committed efforts.



2000 to 2015

AGE OF CONSTRUCTION BOOM

Qassim, Hofuf and Yanbu Branches were inaugurated in KSA and branches outside KSA were established in UAE, Egypt, Lebanon, Oman, Jordan and Germany in order to facilitate the construction boom in the Middle East. During this period SFSP state of the art facilities were launched in DIC UAE and Unitech thrived, marking some of the best years in business.



2016 to 2019

AGE OF GREAT CHANGE

This period, marked the age of great change in order to align with the economic shift in the GCC and the world in general.

Company wide right sizing initiatives were taken especially in KSA to align with the kingdom's ambitious vision 2030 and during this period the upgraded SFSP state of the art facilities were launched in JIC 3 KSA.



2020 & Beyond

NEW FRONTIER

This period marks the expansion of Unitech into the South and Central Asian territories. We aim to cater these markets and play an active role in these countries development.

During 2020, Unitech Pakistan was officially inaugurated and marked the entrance of Unitech into Asian Market.

Our Manufacturing Arm

SFSP

SFSP is a leading manufacturer and fabricator of light steel construction products in the region, servicing the construction sector through its state of the art facilities which are spread all over the MENA region. Products of SFSP are manufactured from quality raw material according to the relevant international standards to meet all kinds of construction projects requirements, such as MEP, façade, blockwork & waste management systems.

Commitment to Quality

Our commitment to quality is clearly revealed in the way we do our business; our processes, our close interaction with our clients as well as the strict product inspection procedures. To achieve this, we have implemented quality systems & processes that are continually being improved to satisfy our customer's needs.

Product Development

Product development process is substantial to the success of our business. We leverage all resources to provide up-to-date reliable products, environmentally friendly, durable to withstand the toughest weather conditions. Our engineers are constantly testing the products, seeking to present a combination of performance and quality across all our product ranges.

For more information, please visit:
www.sfsp-ikk.com

Value Chain

Our value chain starts up with the quality of the raw materials and ends up in client satisfaction. Our business practices backed up by all technologically essential business elements are supported by an efficient logistics, warehousing and delivery system that maintains a valuable supply chain for products.

The value chain is integrated in our business module, giving us strength and preserving our good reputation gained through the past 4 decades.

Engineering Specialty

Our products development engineers integrate their vast knowledge to provide the perfect solution to projects within the required specifications and time-frame.

The products development department maintains highly skilled calibers with a dedication towards efficient and reliable solutions even in the most complicated cases where delicacy and skillful approaches are indispensable.

Design and Product Safety

Our design and engineering office in Stuttgart ensures our products comply with relevant European and international standards of fabrication, taking into attention the safety factors which govern the public safety of projects.

Sustainability and Responsibility

We are constantly working hard to reduce our environmental footprints while maintaining the high quality and safety standards. We have set our targets to become three times more efficient in the next 10 years. Our responsibility towards our stakeholders is valued through our positive contributions towards our colleagues, our business partners and our communities as well.

Our Design Office



UNITECH DEUTSCHLAND is a "Design & Engineering" Office. Unitech Germany support Unitech & SFSP operations through well-informed cadre of engineers. They help our customers from conception to the completion by delivering design, engineering and project management services.

Thanks to our multidisciplinary team in Unitech Germany and their expertise, we assist you in your ambition to develop your innovation, your engineering and your organization. Our goal is to serve our clients through these elements:

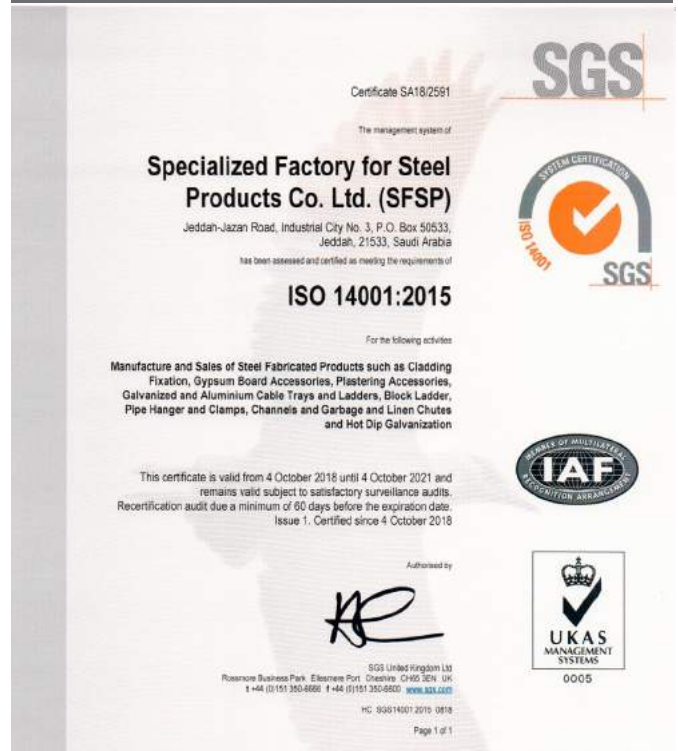
- Excellent in engineering ideas and solutions
- High quality in performance
- Firmness on meeting deadlines

SFSP Certifications

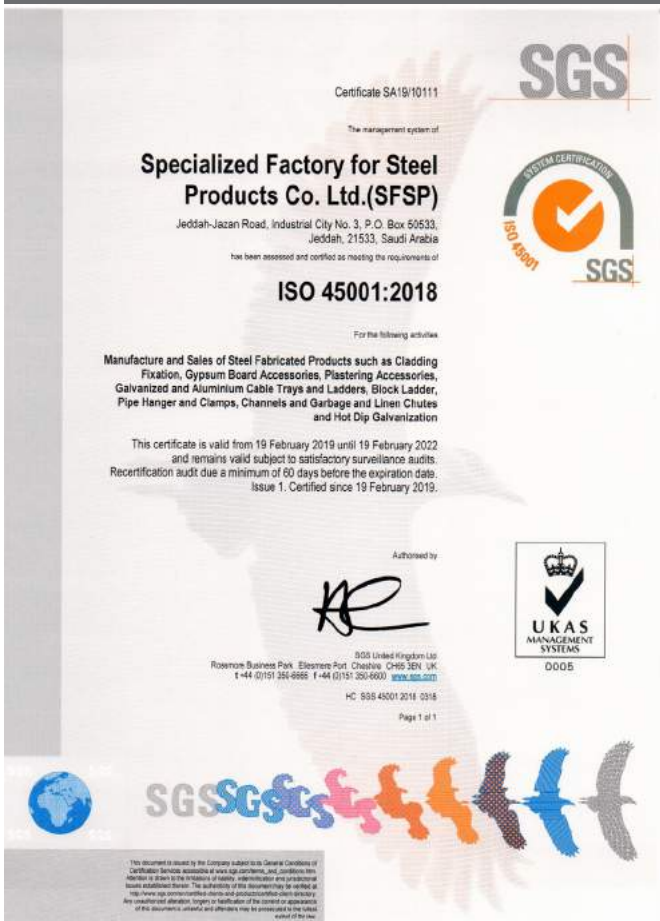
ISO 9001 : 2015 (Quality Management Systems)



14001 : 2015 (Environmental Management System)



ISO 45001 : 2018 (Occupational Health & Safety)



STD 096 (Q-Mark Certificate)



ISO 9001 : 2015
(Quality Management System)



Certificate of Registration

This is to certify that the Management System of:

Sigma Factory for Steel Products

P.O. Box 37991, Saih Suhaib - 3, 4 Round About, Dubai Industrial City
Dubai, United Arab Emirates

has been approved by Alcumus ISOQAR and is compliant with the requirements of:

ISO 9001:2015



Certificate Number: 22244-Q15-001
Initial Registration Date: 23 February 2015
Previous Expiry Date: 22 February 2021
Recertification Date: 30 November 2020
Re-issue Date: 01 December 2022
Current Expiry Date: 22 February 2024

Scope of Registration:

Trading and Manufacturing of all kinds of Steel Related Construction Materials

Signed:
Alyn Franklin, Chief Executive Officer
(on behalf of Alcumus ISOQAR)

This certificate will remain current subject to the company maintaining its system to the required standard. This will be monitored regularly by Alcumus ISOQAR. Further clarification regarding the scope of this certificate and the applicability of the relevant standards' requirement may be obtained by consulting Alcumus ISOQAR.

ISO 14001 : 2015
(Environmental Management System)



Certificate of Registration

This is to certify that the Management System of:

Sigma Factory for Steel Products

P.O. Box 37991, Saih Suhaib - 3, 4 Round About, Dubai Industrial City
Dubai, United Arab Emirates

has been approved by Alcumus ISOQAR and is compliant with the requirements of:

ISO 14001:2015



Certificate Number: 22244-E15-001
Initial Registration Date: 22 September 2015
Previous Expiry Date: 21 September 2021
Recertification Date: 11-12 July 2021
Re-issue Date: 01 December 2022
Current Expiry Date: 21 September 2024

Scope of Registration:

Trading and Manufacturing of all kinds of Steel Related Construction Materials

Signed:
Alyn Franklin, Chief Executive Officer
(on behalf of Alcumus ISOQAR)

This certificate will remain current subject to the company maintaining its system to the required standard. This will be monitored regularly by Alcumus ISOQAR. Further clarification regarding the scope of this certificate and the applicability of the relevant standards' requirement may be obtained by consulting Alcumus ISOQAR.

OHSAS 45001 : 2018
(Health & Safety Management System)



Certificate of Registration

This is to certify that the Management System of:

Sigma Factory for Steel Products

P.O. Box 37991, Saih Suhaib - 3, 4 Round About, Dubai Industrial City
Dubai, United Arab Emirates

has been approved by Alcumus ISOQAR and is compliant with the requirements of:

ISO 45001:2018



Certificate Number: 22244-OHS-001
Initial Registration Date: 22 September 2015
Previous Expiry Date: 11 March 2021
Recertification Date: 11-12 July 2021
Re-issue Date: 01 December 2022
Current Expiry Date: 21 September 2024

Scope of Registration:

Trading and Manufacturing of all kinds of Steel Related Construction Materials

Signed:
Alyn Franklin, Chief Executive Officer
(on behalf of Alcumus ISOQAR)

This certificate will remain current subject to the company maintaining its system to the required standard. This will be monitored regularly by Alcumus ISOQAR. Further clarification regarding the scope of this certificate and the applicability of the relevant standards' requirement may be obtained by consulting Alcumus ISOQAR.

BS EN 61537:2007 (KEMA - KEUR Certified For Cable Management Products)

CERTIFICATE

Issued to:
Applicant:
Isam Kabbani Trading Est. (Unitech)
Rashidiya
Dubai, United Arab Emirates

Manufacturer/Licensee:
Sigma Factory for Steel Products (SFSP)
Saih Suhaib 3, 4RA, Dubai Industrial City,
Dubai, United Arab Emirates

Product : Cable management system
Trade name : SFSP
Types : IE-CT-X-10, IE-CT-X-12, IE-CT-X-15, IE-CT-X-20

The product and any acceptable variation thereto is specified in the Annex to this certificate and the documents therein referred to.

DEKRA hereby declares that the above-mentioned product has been certified on the basis of:
- a type test according to the standard IEC 61537:2006 and EN 61537:2007
- an inspection of the production location according to CENELEC Operational Document CIG 021
- a certification agreement with the number 2156954

DEKRA hereby grants the right to use the KEMA-KEUR certification mark.

The KEMA-KEUR certification mark may be applied to the product as specified in this certificate for the duration of the KEMA-KEUR certification agreement and under the conditions of the KEMA-KEUR certification agreement.

This certificate is issued on: 20 January, 2014 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 2156954.01

DEKRA Certification B.V.

drs. G.J. Zoetbrood
Managing Director

H.R.M. Barends
Certification Manager

© Integral publication of this certificate is allowed

ACCREDITED BY THE
DUTCH ACCREDITATION
COUNCIL



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T +31 88 96 83000 F +31 88 96 83100 www.dekra-certification.com Registered Arnhem 09085396

SFSP Certifications

UL Certification* (Cable Trays)

CERTIFICATE OF COMPLIANCE

Certificate Number: 20160816-E483358
Report Reference: E483358-20160816
Issue Date: 2016-AUGUST-16

Issued to: Sigma Factory for Steel Products
Saii Shuaib 3, 4 R/A Dubai Industrial City
Opposite DEWA Substation
Dubai UNITED ARAB EMIRATES

This is to certify that representative samples of CABLE TRAYS
Steel Channel Cable Tray, Ventilated, Heavy Duty (HCT),
Very Heavy Duty (VCT) cable trays.

Have been investigated by UL in accordance with the
Standard(s) indicated on this Certificate.

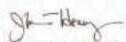
Standard(s) for Safety: ANSI/NFPA 70, "National Electrical Code" (NEC)
Additional Information: See the ULC Online Certification Directory at www.ulc.ca
for additional information

Only those products bearing the ULC Listing Mark should be considered as being covered by ULC's
Listing and Follow-Up Service.

The ULC Listing Mark generally includes the following elements: the symbol ULC in a circle, with
the word "LISTED", a control number (may be alphanumeric) assigned by ULC, and the product
category name (product identifier) as indicated in the appropriate ULC Directory.

To confirm the status, validate the above information via the online directory.

Look for the ULC Listing Mark on the product.


Joseph Hoss, Senior Manager, Office of Sales - Canada
UL CORPORATION, LABORATORIES OF CANADA INC.
Any information and documentation involving ULC Mark services are provided on
behalf of ULC. For questions, please contact a local ULC Customer Service Rep.

Page 1 of 1

UL Certification* (Chute Type Fire Doors)

CERTIFICATE OF COMPLIANCE

Certificate Number: 20170811-R38825
Report Reference: R38825-20170811
Issue Date: 2017-AUGUST-11

Issued to: Sigma Factory for Steel Products
Saii Shuaib 3, 4 R/A Dubai Industrial City
Opposite DEWA Substation
Dubai UNITED ARAB EMIRATES

This is to certify that representative samples of CHUTE-TYPE FIRE DOORS
Chute-type fire door and frame assembly of the insulated
type, rated up to and including 2 hr, 450°F Temperature
Rise Rating.

Have been investigated by UL in accordance with the
Standard(s) indicated on this Certificate.

Standard(s) for Safety: ANSI/UL 10B, Fire Tests of Door Assemblies
Additional Information: See the UL Online Certifications Directory at
www.ul.com/database for additional information

Only those products bearing the UL Certification Mark should be considered as being covered by UL's
Certification and Follow-Up Service.

Look for the UL Certification Mark on the product.

UL Certification* (Fire Barrier)

CERTIFICATE OF COMPLIANCE

Certificate Number: R40146
Report Reference: R40146-20220524
Date: 2022-May-25

Issued to: Sigma Factory for Steel Products
Saii Shuaib 3, 4 R/A Dubai Industrial City
Opposite DEWA Substation
Dubai AE

This is to certify that representative samples of MECHANICAL JOINT ASSEMBLIES
The products covered by this Section are mechanical joint
assemblies designated Nexus Fire Barrier (NFB) for use in
various joint systems described in the Fire Resistance
Directory.

Have been investigated by UL in accordance with the
Standard(s) indicated on this Certificate.

Standard(s) for Safety: UL 2079, Tests for Fire Resistance of Building Joint
Systems

Additional Information: See the UL Online Certifications Directory at
<https://iq.ulprospector.com> for additional information

This Certificate of Compliance does not provide authorization to apply the UL Mark. Only the UL Follow-Up
Services Procedure provides authorization to apply the UL Mark.

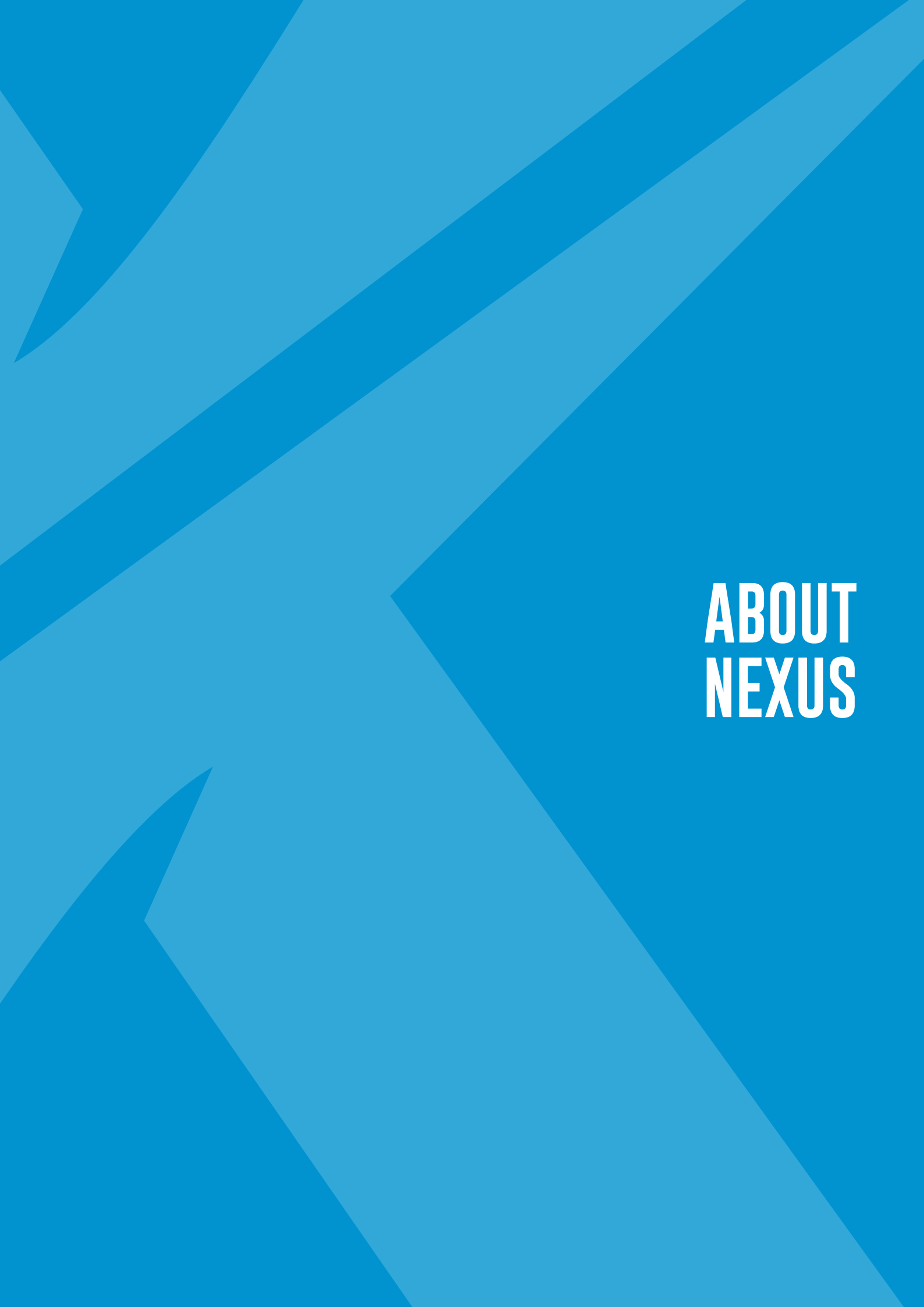
Only those products bearing the UL Mark should be considered as being UL Certified and covered under UL's
Follow-Up Services.

Look for the UL Certification Mark on the product.


Brian Maheshwari, Director North American Certification Program
UL, Ltd.

Any information and documentation involving UL Mark services are provided on behalf of UL (UL) or any authorized licensee of UL. For questions, please
contact a local UL Customer Service Representative at UL@ul.com





ABOUT NEXUS

NEXUS is a part of UNITECH's wide range of product and is solely produced by "SFSP" Factories around the region. Nexus offer comprehensive solutions for the construction industry ranging from Expansion Joint Covers and Fire Barriers to Entrance Matting Systems, Wall and Floor Profiles, Tactile Solutions, etc... NEXUS range of products is manufactured according to most common international standards to meet the requirements of commercial, residential, governmental, transportation, healthcare and educational projects. In addition to its wide array of profiles and variety of finishes, NEXUS provides the technical expertise via its qualified and dedicated team of engineers and industry-experts in the fields. NEXUS range of products is manufactured from high quality raw material and designed to withstand high volume of traffic as well as extreme weather conditions.

NEXUS

Expansion & Movement Joint Systems

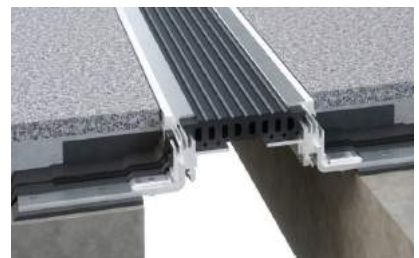
Our variety of expansion joints includes profiles for walls and floors, profiles for seismic movements, watertight profiles. Our products suit pedestrian as well as heavy load traffic areas.



EXPANSION JOINT



SEISMIC EXPANSION JOINT



WATER PROOF EXPANSION JOINT

Nexus Fire Barriers

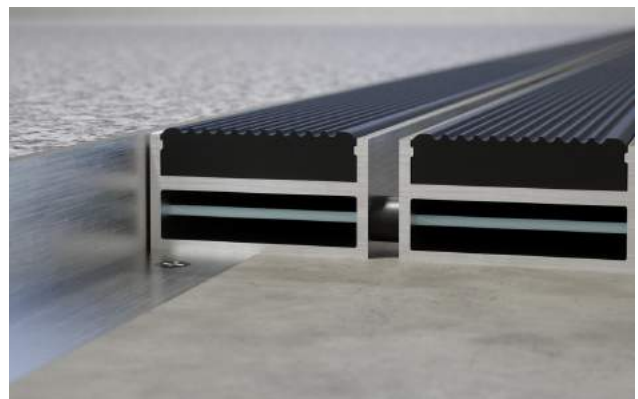
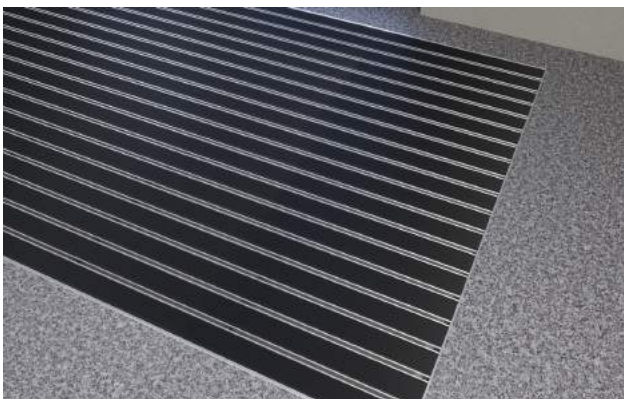
Nexus Fire Barriers for vertical and horizontal expansion joint gaps with minimum movement capacity of 50% of the joint width. Manufactured in accordance with ASTM E-1399 and UL-2079 testing requirements



NEXUS

Entrance Matting Systems

Nexus Entrance matting systems provides heavy duty entrance mats, composed of aluminium profiles with carpet, brushes or rubber inserts. For any design of any shape, being round, square, oval, or any other symmetrical or asymmetrical shape, Nexus offers a variety of entrance matting profiles



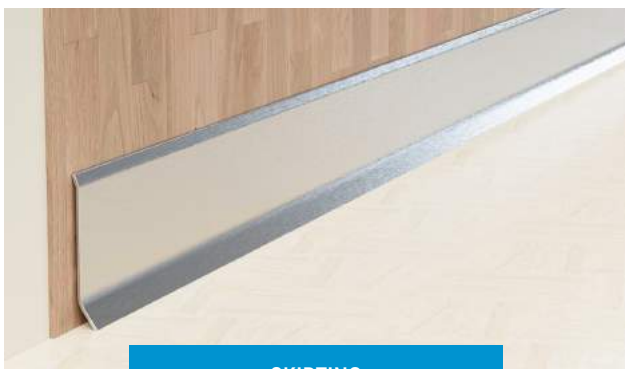
Nexus offer comprehensive solutions for the construction industry ranging from Expansion Joint Covers and Fire Barriers to Entrance Matting Systems, Wall and Floor Profiles, Tactile Solutions, etc... NEXUS range of products is manufactured according to most common international standards to meet the requirements of commercial, residential, governmental, transportation, healthcare and educational projects.



PROFILES FOR FLOORS AND WALLS



STAIR NOSING



SKIRTING



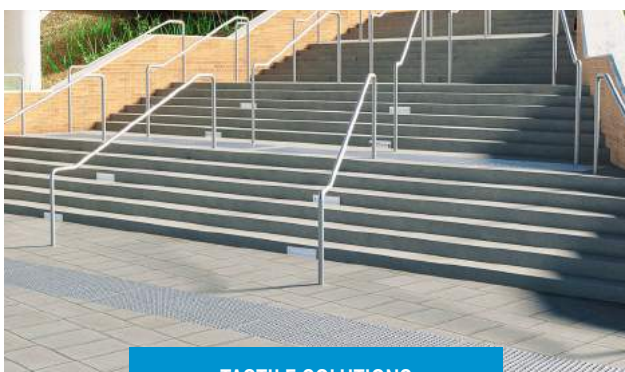
MOVEMENT JOINT



CHANNELS / STRIPS



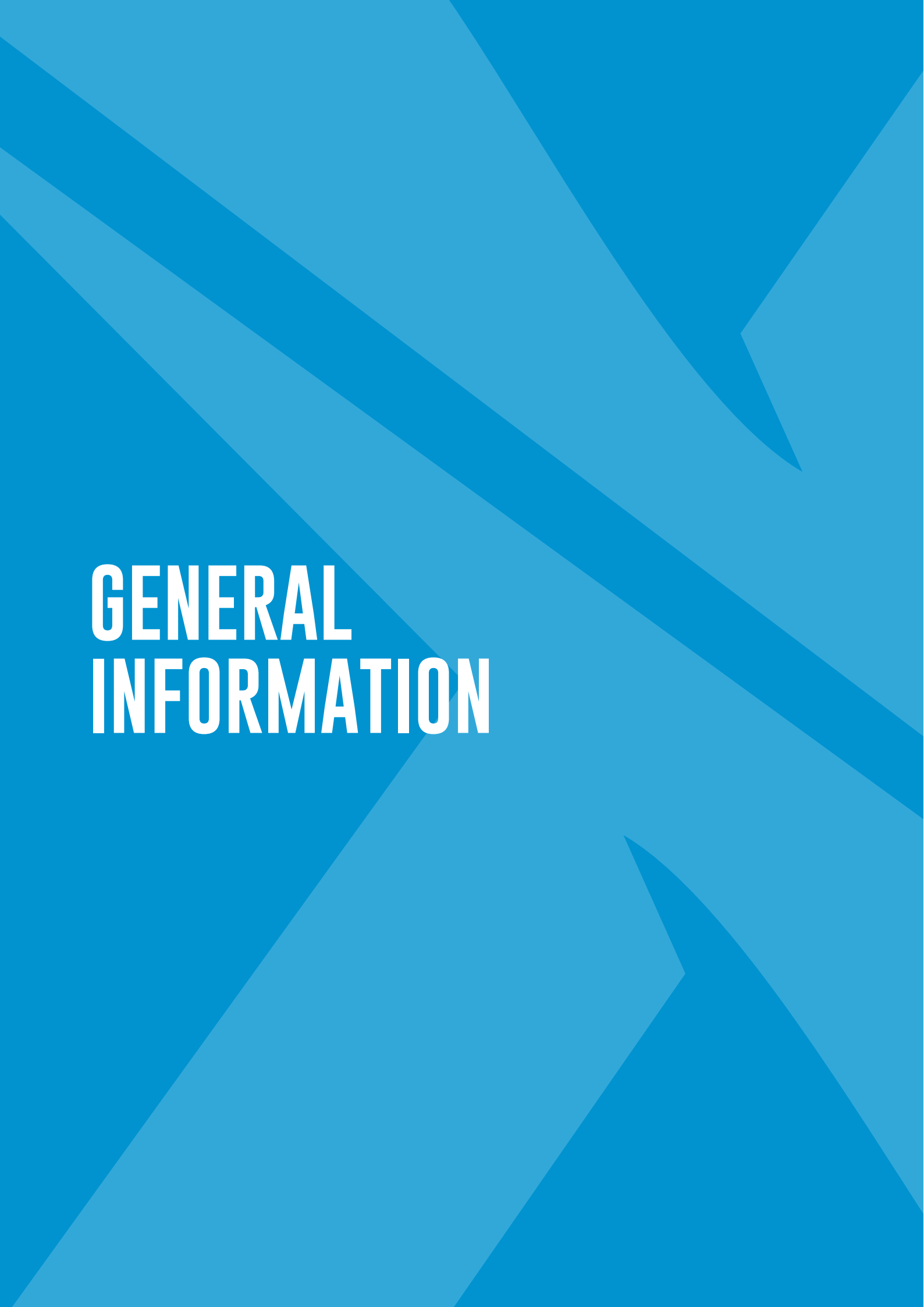
LANDSCAPING



TACTILE SOLUTIONS



RUBBER GASKETS



GENERAL INFORMATION

Nexus Expansion Joint Solutions offer a comprehensive ranges of durable Expansion Joint Solutions for a wide array of applications including commercial centers, shopping malls, railway stations, airports, shopping centers, bridges, schools, hospitals, and several other areas of application.

Our range of Expansion Joint Solutions are designed to safely absorb the heat-induced expansion and contraction of concrete slabs, to absorb vibration, and to allow movement due to ground settlement or earthquakes. Our variety of expansion joints includes profiles for walls and floor, for pedestrian as well as heavy loads traffic, for seismic movements, and several other uses. Nexus Expansion Joint Solutions include aluminum profiles, rubber profiles, and a combination of aluminum profiles with rubber inserts.

Nexus Expansion Joint Solutions, designed to conceal areas of structural movement. Concrete Slabs are designed to move due of pressures from long-term shrinkage, thermal expansion, contraction of the structure and seismic activity.

Our floor expansion joint systems are suitable for applications with joint openings of several width, and up to 400 mm. Our Expansion Joint Solutions require minimum maintenance works throughout the year.

Selection Criteria for Expansion Joint Solutions Movement

When designing the building, there are three main types of movement to consider: thermal, seismic and wind sway.

- Thermal:

Changes in temperature cause buildings to expand and contract which can leave broken flooring components resulting in damage to the building structure and design.

- Seismic:

Earthquakes and seismic events cause movement and swaying for the architectural structure. Larger joint widths are suitable for buildings that are located in seismic zones.

- Wind Sway:

Tall buildings and structures with a large surface area are affected by wind sway that pushes against the building and causes tilt or swaying motions.

Expansion Joints plays a vital role in safeguarding these buildings by permitting the structure to absorb these movements.



Loading requirements

Pedestrian, Assorted and Solid Heavy Duty Expansion Joint Solutions are designations as they relate to load ratings. It is a guideline that assists in choosing a proper profile for the specified application a preliminary product selection for a given application.

- **Pedestrian Profiles:**

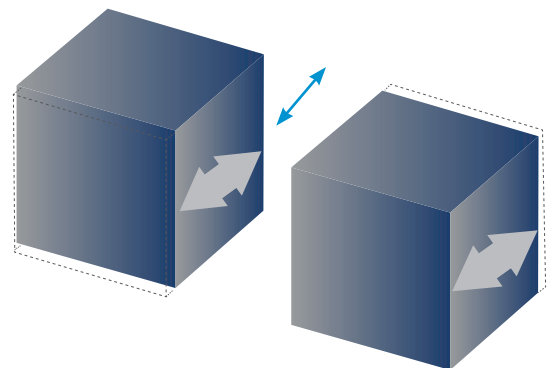
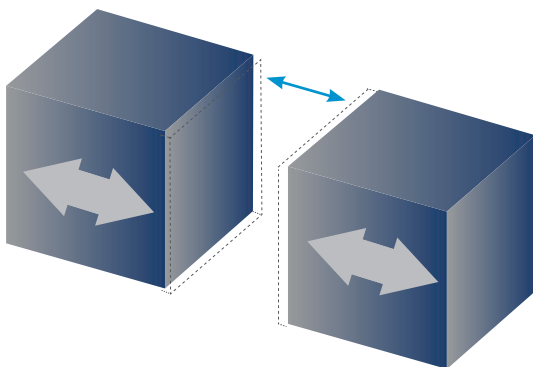
Used in common applications where pedestrian traffic, rubber-wheeled traffic and light-weight cleaning equipment exists.

- **Assorted Profiles:**

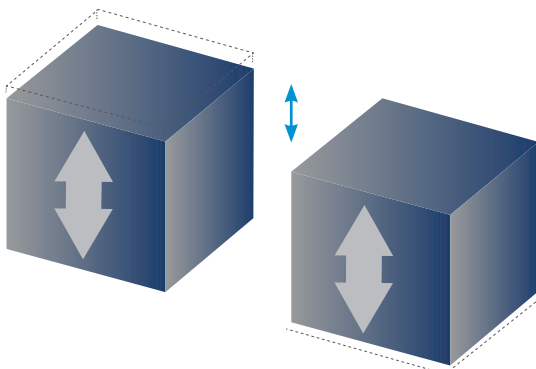
These profiles suggest applications which is subject to mixed loads from Pedestrian to relatively light weighted vehicular loads such as motorcycles, light weight internal use electric cars, light duty forklifts, motorized cleaning equipment and vehicles of akin loads. The systems in this category are comprised of heavier aluminum extrusions, with thicker walled extruded rubber inserts.

- **Solid Heavy Duty Profiles:**

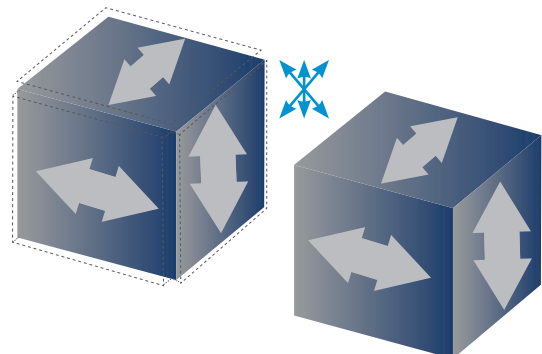
Solid Heavy Duty Expansion Joint Solutions for applications where truly heavy loads, such as vehicles, forklifts, Pickups and high-point loads are the norm. These heavy-duty profiles are capable of handling loads of up to 7 tons. They are capable of multi-directional movements and are also available in surface or block out mounted variations.



Horizontal displacement caused by thermal influences, shrinkage of concrete



Vertical location due to uneven settlement, thermal effects



Complex displacement, combined effect of temperature, external loads

EPDM Membrane

Floors and walls

25- 400mm Expansion Gap

Features

Membrane: Nonreinforced, cured EPDM (ethylene propylene diene monomer).

Fully Extruded: Produces fewer air voids, more uniform thickness and smoother sheets.

Membrane Formulation: Performs in extreme temperature climates and withstands differential movement (elongation).

UV-Stabilization Properties: Offers outstanding ozone and weather resistance delivering one of the longest service lives available.

Color: Black

Temperature Range: - 35 to 100 C

Hardness : 70±5 Shore A

Profile Code : EPDM

Applications

Below Expansion Joint Covers

I. Physical Properties:

Sl.Nr.	DESCRIPTION	TEST METHOD	UNIT	SPECIFICATION
1.	Hardness	ISO 7619	Shore A	70±5
2.	Specific Gravity	ISO 2781	-	1.18±0.05
3.	Tensile Strength , Min .	ISO 37	kg /cm ²	100
4.	Elongation At Break, Min .	ISO 37	%	300
5.	Compression Set, Max . (22 hrs @100°C)	ISO 815	%	35
6.	Accelerated ageing resistance. (24 hrs @100°C)	ISO 188	-	-
6.1	Change in Hardness	ISO 7619	Shore A	± 5
6.2	Change in Tensile Strength, Max.	ISO 37	%	-15
6.3	"Change in Elongation at Break, Max."	ISO 37	%	-25

II. Chemical Properties:

7.	Resistance to UV	Excellent
8.	Resistance to Water	Excellent
9.	Resistance to Acids	Fair
10.	Resistance to Alkalis	Fair
11.	Resistance to Aliphatic Hydrocarbons	Fair
12.	Resistance to Hydraulic Oils	Good
13.	Resistance to Fuels	Fair
14.	Resistance to Weathering	Excellent
15.	Resistance to Oxidative ageing	Good

ALUMINUM TECHNICAL DATASHEET

Standard for EN AW-6063-T6: DIN EN 573-1

Chemical composition

Si	0,20 - 0,60	Mg	0,45 - 0,90
Fe	0,35	Cr	0,10
Cu	0,10	Zn	0,10
Mn	0,10	Ti	0,10
Other elements each	0.0- 0,05	Other elements total	0.0- 0,15

Technological properties

Resistance to normal atmosphere	Very good
Resistance to marine atmosphere	Very good
Weldability	Very good
Machinability	sufficient
Extrudability	Very good
Protective anodizing	Very good

Physical properties

Density [g/cm ³]	2,70
Young's Modulus [GPa]	69
Coefficient of thermal expansion (10 ⁻⁶ K)	23,4
Thermal conductivity [W/K m]	190 - 220
Electrical conductivity [MS/m]	28 - 34
Material condition	T 6
Melting temperature [°C]	660
Fire resistance	non-flammable (Fire class A1)

Specified minimum values

Tensile strength R _m [MPa]	245
Rupture strength R _{p0,2} [MPa]	200
Elongation A ₅ [%]	8
Elongation A _{50mm} [%]	6

RUBBER TECHNICAL DATASHEET

Standard Test Method for EPDM Rubber: ASTM D3568-03(2022)

Physical Properties

1	Hardness	ASTM D 2240	Shore A	70 ± 5
2	Tensile Strength, Min	ASTM D 412	Mpa	9
3	Elongation at Break, Min	ASTM D 412	%	220
4	Tear Strength, Min	ASTM D 624	kN/m	25
5	Specific Gravity	ASTM D 297	g/cm ³	1.30 ± 0.05
6	Compression Set, Max (22hrs@1000 °C)	ASTM D 395	%	28
7	After Aging Properties (Hot Air Aging 96 hrs at 700 °C)			
a	Change In Hardness,Max	ASTM D 573	Shore A	± 10
b	Change In Tensile Strength,Max	ASTM D 573	%	-20
c	Change in Elongation at Break,Max	ASTM D 573	%	-25

Chemical Properties

1	Resistance to UV & Ozone	Excellent
2	Resistance to Weather	Excellent
3	Water swell Resistance	Very Good
4	Resistance to Thermal Ageing	Excellent
5	Resistance to Chemicals	Excellent
6	Resistance to Mild acids	Good
7	Resistance to Alcohol	Good
8	Resistance to Petroleum Oil and Mineral Oils	Poor
9	Temperature Range(Dry Heat)	- 40 to +130 °C

Vapor Barrier

For Floors And Walls

Gaps From 50 upto 400mm

Feature

Nexus Vapor Barrier is a 1.5mm high density Polyethylene Membrane.

Fully Extruded	Produces fewer air voids, more uniform thickness and smoother sheets
Membrane Formulation	Performs in extreme temperature climates and withstands differential movement (elongation).
UV-Stabilization Properties	Offers outstanding ozone and weather resistance delivering one of the longest service lives available.
Temperature	35 to 100 °C

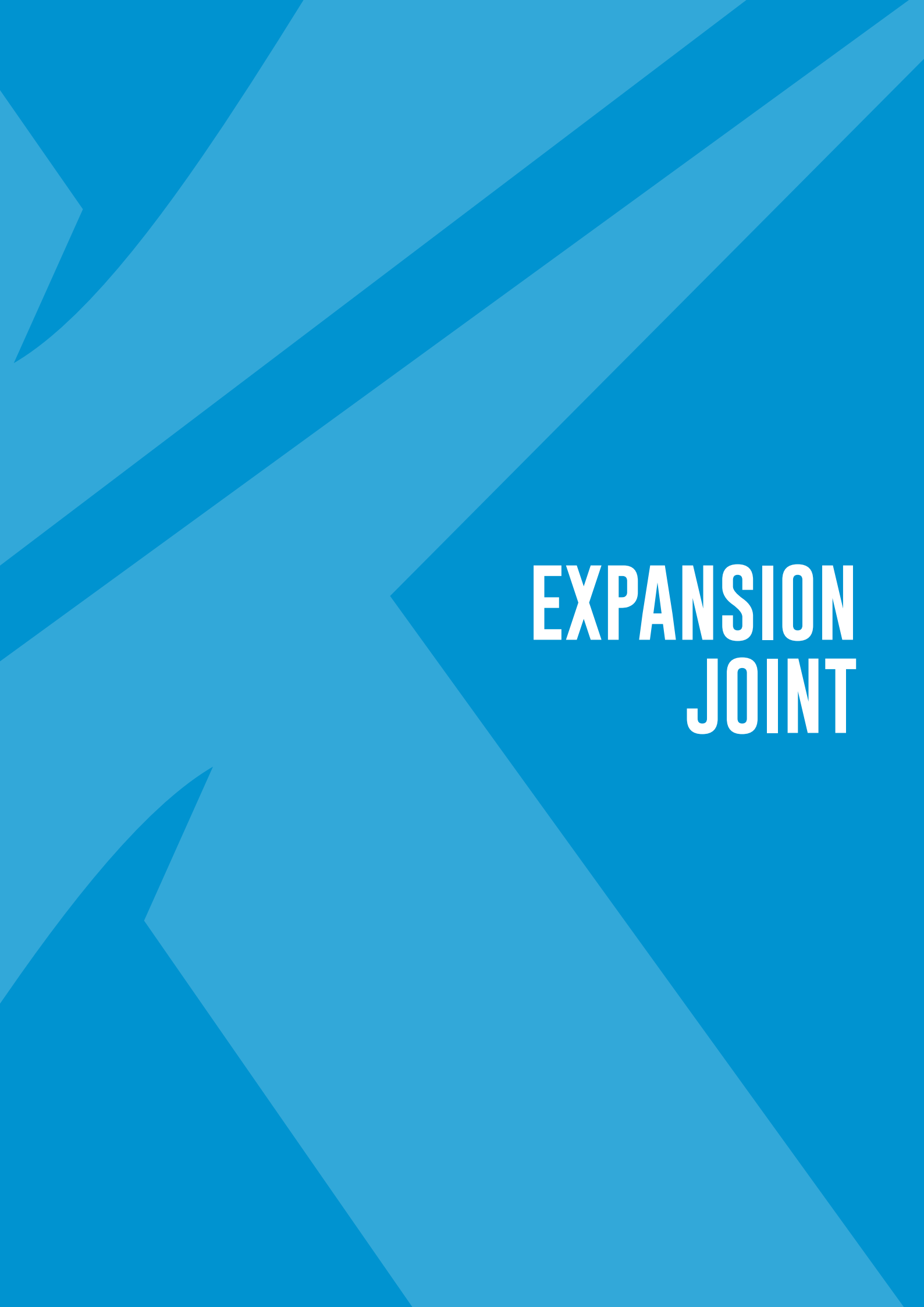


I. Physical Properties:

Sl.Nr.	DESCRIPTION	TEST METHOD	UNIT	SPECIFICATION
1.	Hardness	ISO 7619	Shore A	75±2
2.	Specific Gravity	ISO 2781	-	1±0.05
3.	Tensile Strength , min .	ISO 37	N/mm ²	8
4.	Elongation At Break, min .	ISO 37	%	600
5.	Compression Set, Max . (22 hrs @100 °C)	ISO 815	%	48

II. Chemical Properties:

1.	Resistance to UV	Excellent
2.	Resistance to Water	Excellent
3.	Resistance to Acids	Fair
4.	Resistance to Alkalis	Fair
5.	Resistance to Aliphatic Hydrocarbons	Fair
6.	Resistance to Hydraulic Oils	Good
7.	Resistance to Fuels	Fair
8.	Resistance to Weathering	Excellent
9.	Resistance to Oxidative ageing	Good



EXPANSION JOINT

EXPANSION JOINT

FLOOR TO FLOOR

25 - 35mm Expansion Joint Width

Features

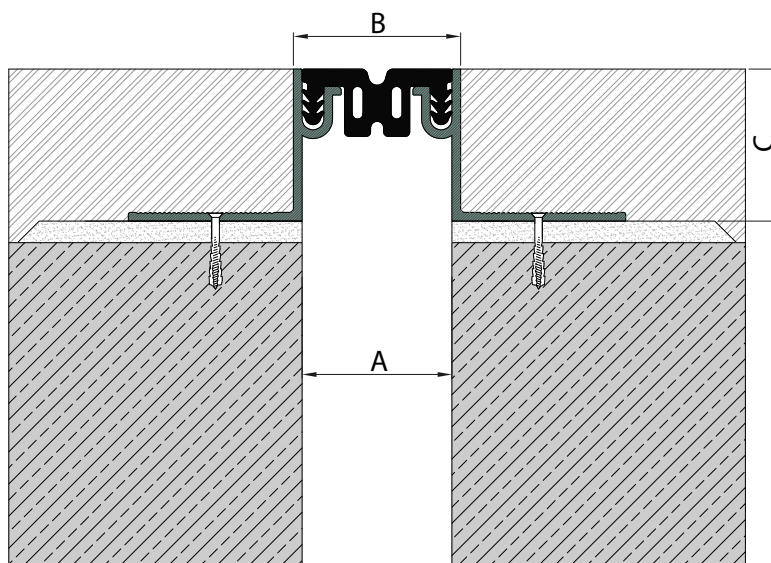
Surface	Aluminium Strips Rubber Insert
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System Options

Joint width(s)	25 - 35 mm
Height(s)	35 mm
Metal type(s)	Aluminium 6063, T6
Seal Color(s)	Black, Grey, Beige, White and Brown
Waterproofing	Moisture barrier



Type	Joint Width A [mm]	Visible Width B [mm]	Installation Height C [mm]	Total Movement [mm]	Load Capacity 
NF 25	25	29	35	10(±5)	Pedestrian
NF 35	35	39	35	14(±7)	Pedestrian



NF-C

EXPANSION JOINT

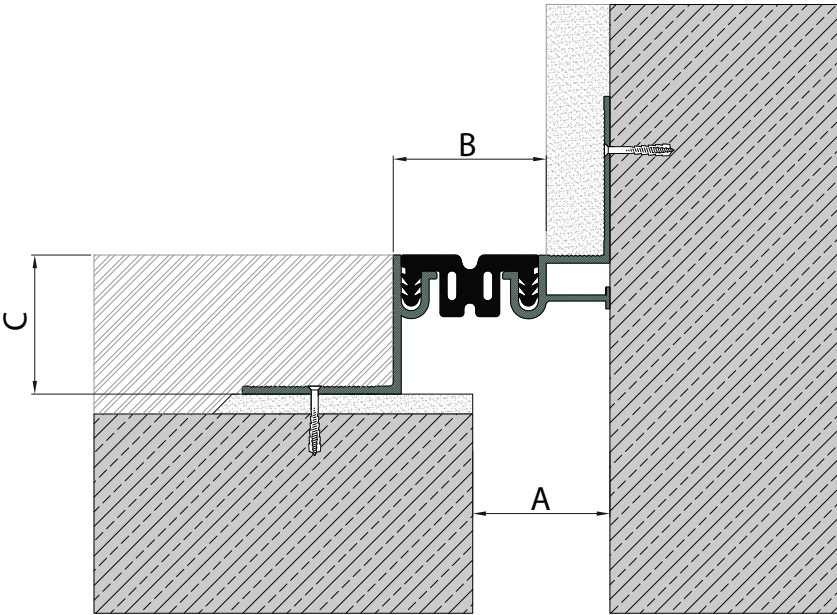
FLOOR TO WALL

25 - 35mm Expansion Joint Width

Features	
Surface	Aluminium Strips Rubber Insert
System Options	
Joint width(s)	25 - 35 mm
Height(s)	35 mm
Metal type(s)	Aluminium 6063, T6
Seal Color(s)	Black, Grey, Beige, White and Brown
Waterproofing	Moisture barrier



Type	Joint Width	Visible Width	Installation Height	Finishing Thickness	Total Movement	Load Capacity
	A [mm]	B [mm]	C [mm]	D [mm]	[mm]	
NF 25C	25	29	35	16	10(±5)	Pedestrian
NF 35C	35	39	35	16	14(±7)	Pedestrian



NF-D

EXPANSION JOINT

FLOOR TO WALL

25 - 35mm Expansion Joint Width

Features

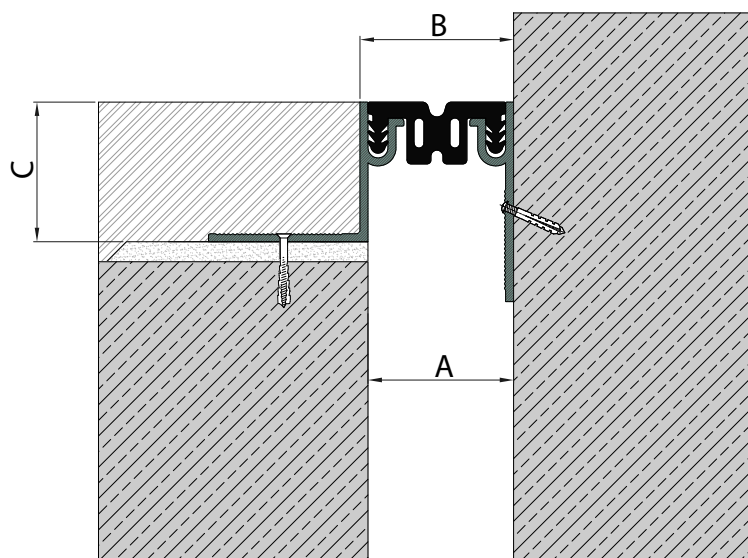
Surface	Aluminium Strips Rubber Insert
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System Options

Joint width(s)	25 - 35 mm
Height(s)	35 mm
Metal type(s)	Aluminium 6063, T6
Seal Color(s)	Black, Grey, Beige, White and Brown
Waterproofing	Moisture barrier



Type	Joint Width A [mm]	Visible Width B [mm]	Installation Height C [mm]	Total Movement [mm]	Load Capacity 
NF 25D	25	29	35	10(±5)	Pedestrian
NF 35D	35	39	35	14(±7)	Pedestrian



EXPANSION JOINT

WALL TO WALL

25 - 35mm Expansion Joint Width

Features

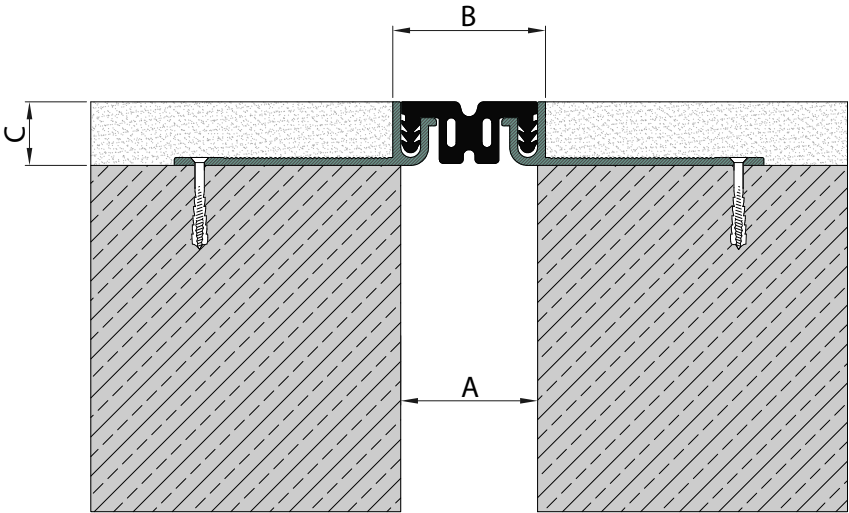
Surface	Aluminium Strips Rubber Insert
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System Options

Joint width(s)	25 - 35 mm
Height(s)	16 mm
Metal type(s)	Aluminium 6063, T6
Seal Color(s)	Black, Grey, Beige, White and Brown
Waterproofing	Moisture barrier



Type	Joint Width	Visible Width	Installation Height	Total Movement
	A [mm]	B [mm]	C [mm]	[mm]
NFW 25	25	29	16	10(±5)
NFW 35	35	39	16	14(±7)



NFW-C

EXPANSION JOINT

WALL TO CORNER

25 - 35mm Expansion Joint Width

Features

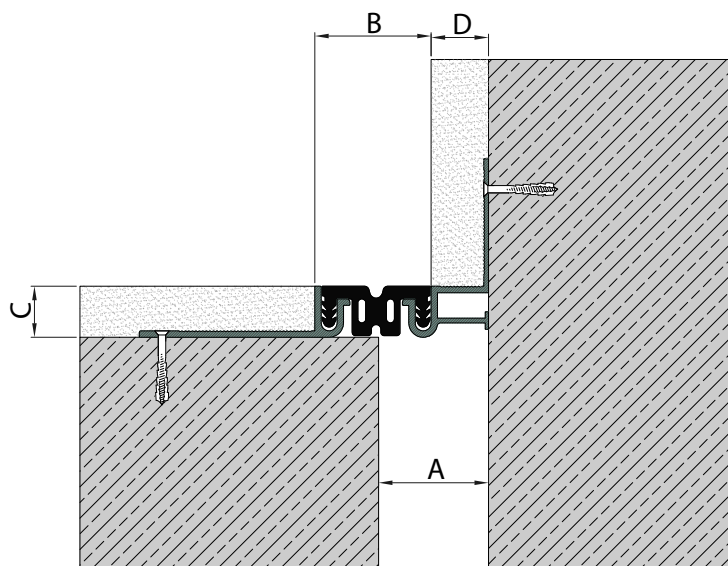
Surface	Aluminium Strips Rubber Insert
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System Options

Joint width(s)	25 - 35 mm
Height(s)	16 mm
Metal type(s)	Aluminium 6063, T6
Seal Color(s)	Black, Grey, Beige, White and Brown
Waterproofing	Moisture barrier



Type	Joint Width A [mm]	Visible Width B [mm]	Installation Height C [mm]	Finishing Thickness D [mm]	Total Movement [mm]
NFW 25C	25	29	16	16	10(±5)
NFW 35C	35	39	16	16	14(±7)



NFW-D

EXPANSION JOINT

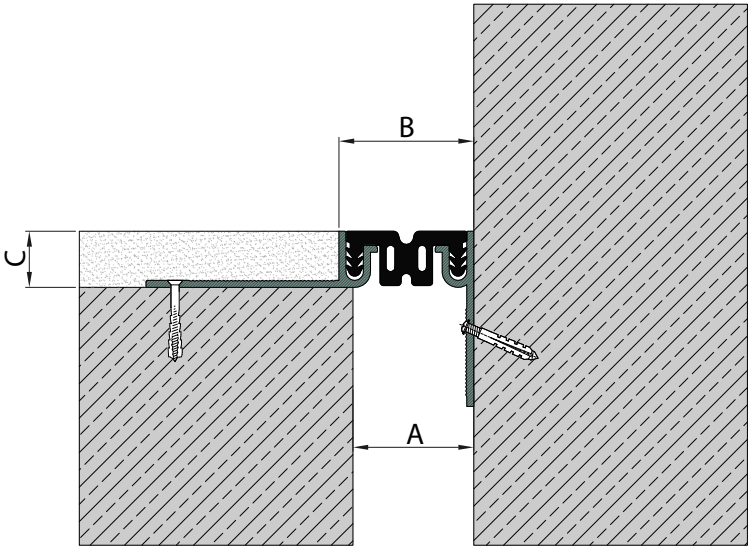
WALL TO CORNER

25 - 35mm Expansion Joint Width

Features	
Surface	Aluminium Strips Rubber Insert
System Options	
Joint width(s)	25 - 35 mm
Height(s)	16 mm
Metal type(s)	Aluminium 6063, T6
Seal Color(s)	Black, Grey, Beige, White and Brown
Waterproofing	Moisture barrier



Type	Joint Width	Visible Width	Installation Height	Total Movement
	A [mm]	B [mm]	C [mm]	[mm]
NFW 25D	25	29	16	10(±5)
NFW 35D	35	39	16	14(±7)



EXPANSION JOINT

FLOOR TO FLOOR

50-75 mm Expansion Joint Width

Features

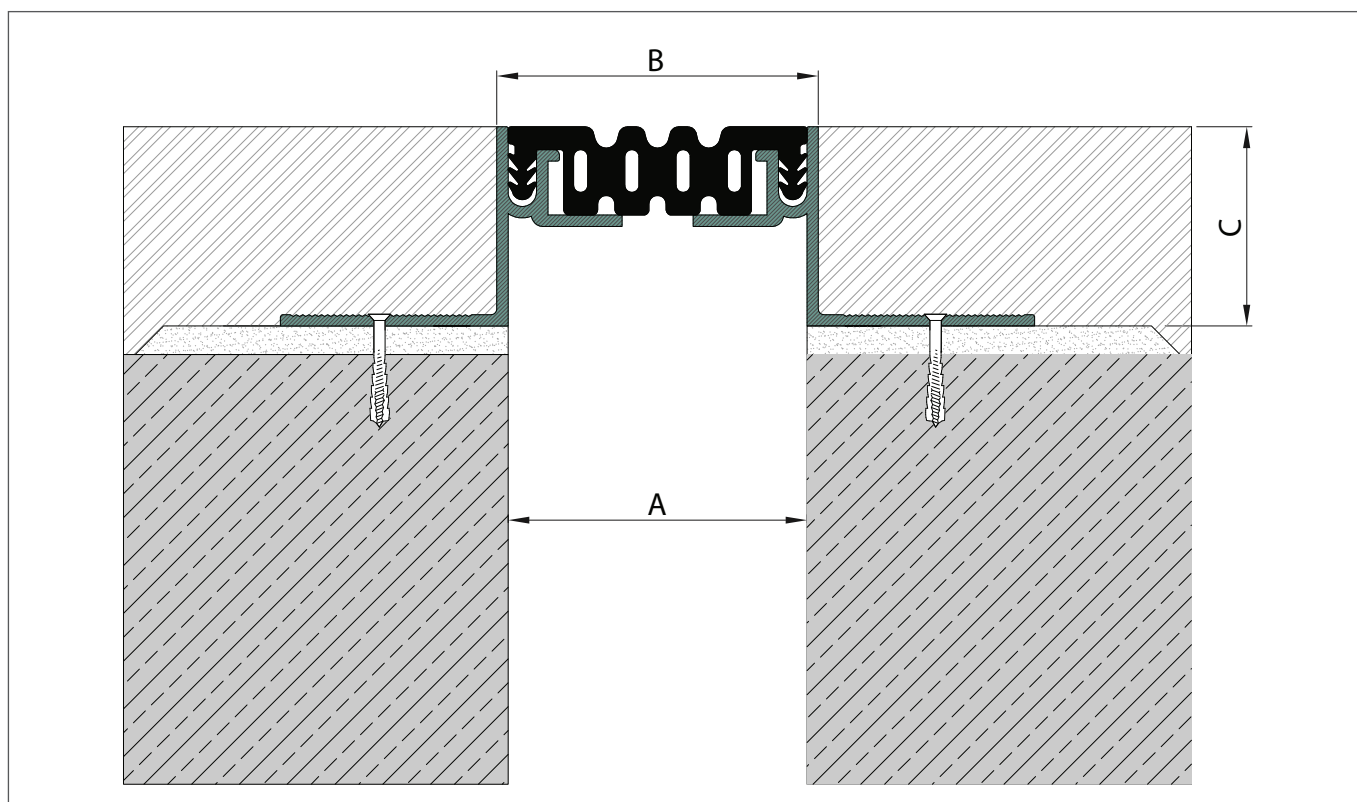
Surface	Aluminium Strips Rubber Insert
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System Options

Joint width(s)	50-75 mm
Height(s)	35 mm
Metal type(s)	Aluminium 6063, T6
Seal Color(s)	Black, Grey, Beige, White and Brown
Waterproofing	Moisture barrier



Type	Joint Width A [mm]	Visible Width B [mm]	Installation Height C [mm]	Total Movement [mm]	Load Capacity 
NP 55	50	55	35	20 (±10)	Pedestrian
NP 75	70	75	35	30 (±15)	Pedestrian



NP-C

EXPANSION JOINT

FLOOR TO WALL

50-75 mm Expansion Joint Width

Features

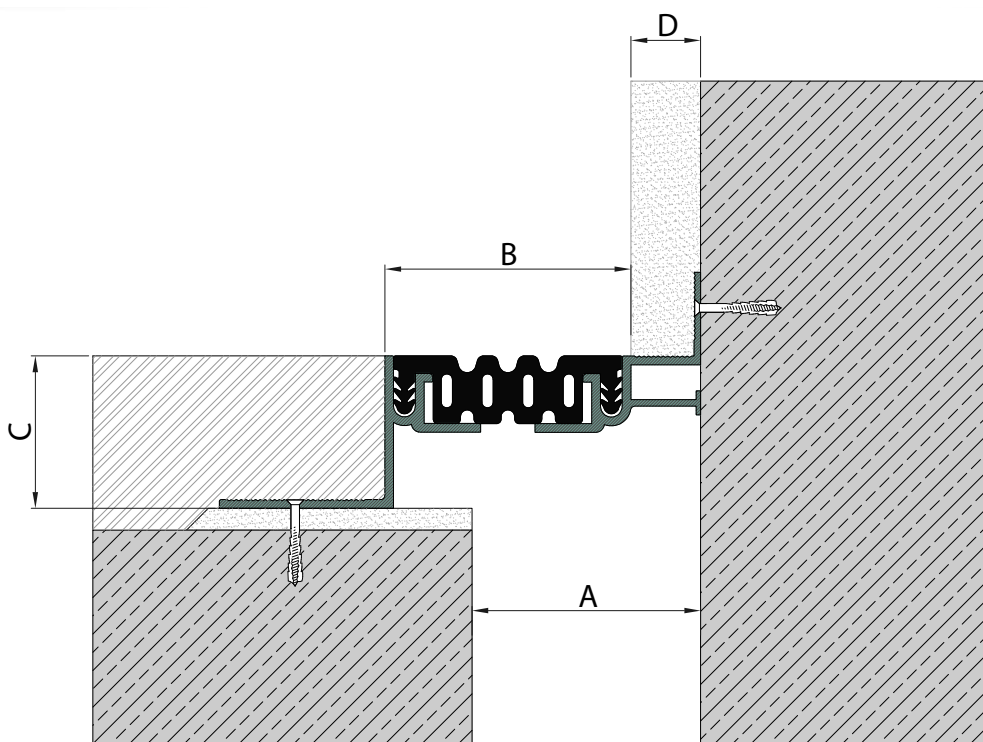
Surface	Aluminium Strips Rubber Insert
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System Options

Joint width(s)	50-75 mm
Height(s)	35 mm
Metal type(s)	Aluminium 6063, T6
Seal Color(s)	Black, Grey, Beige, White and Brown
Waterproofing	Moisture barrier



Type	Joint Width A [mm]	Visible Width B [mm]	Installation Height C [mm]	Finishing Thickness D [mm]	Total Movement [mm]	Load Capacity 
NP 55C	50	55	35	16	20 (±10)	Pedestrian
NP 75C	70	75	35	16	30(±15)	Pedestrian



NP-D

EXPANSION JOINT

FLOOR TO WALL

50-75 mm Expansion Joint Width

Features

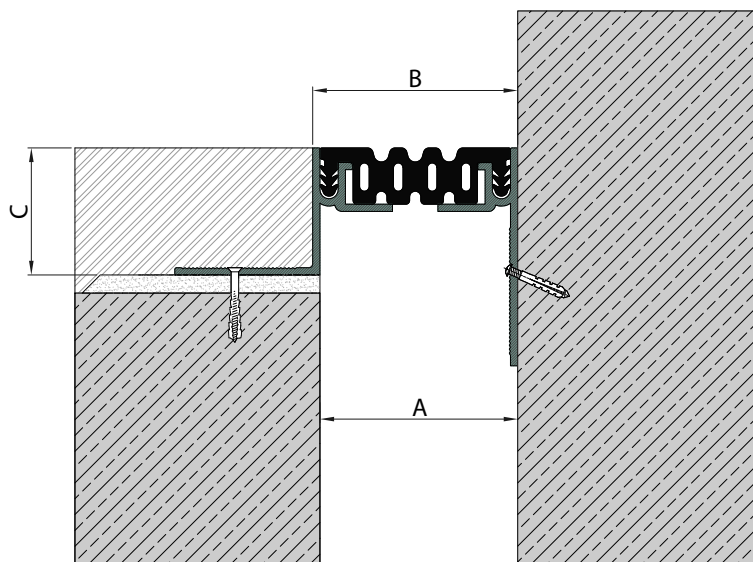
Surface	Aluminium Strips Rubber Insert
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System Options

Joint width(s)	50-75 mm
Height(s)	35 mm
Metal type(s)	Aluminium 6063, T6
Seal Color(s)	Black, Grey, Beige, White and Brown
Waterproofing	Moisture barrier



Type	Joint Width A [mm]	Visible Width B [mm]	Installation Height C [mm]	Total Movement [mm]	Load Capacity 
NP 55D	50	55	35	20 (±10)	Pedestrian
NP 75D	70	75	35	30 (±15)	Pedestrian



EXPANSION JOINT

WALL TO WALL

50-75 mm Expansion Joint Width

Features

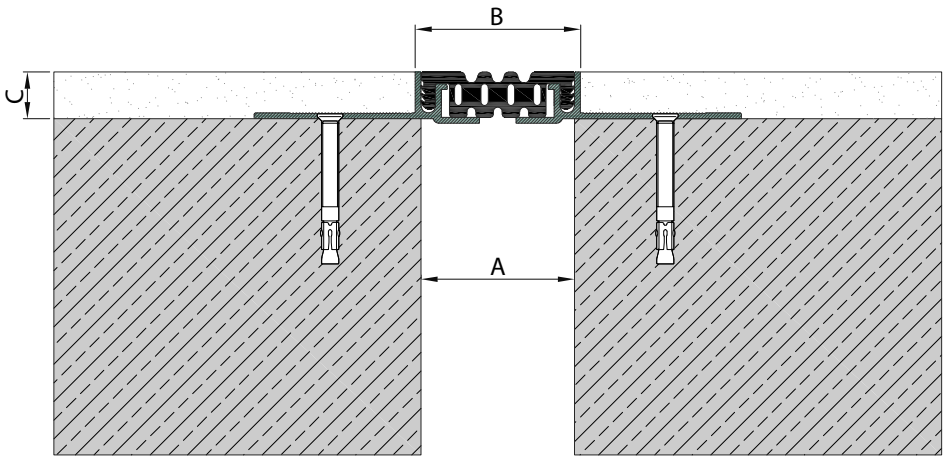
Surface	Aluminium Strips Rubber Insert
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System Options

Joint width(s)	50-75 mm
Height(s)	16 mm
Metal type(s)	Aluminium 6063, T6
Seal Color(s)	Black, Grey, Beige, White and Brown
Waterproofing	Moisture barrier



Type	Joint Width A [mm]	Visible Width B [mm]	Installation Height C [mm]	Total Movement [mm]
NPW 55	50	55	16	20(±10)
NPW 75	70	75	16	30(±15)



NPW-C

EXPANSION JOINT

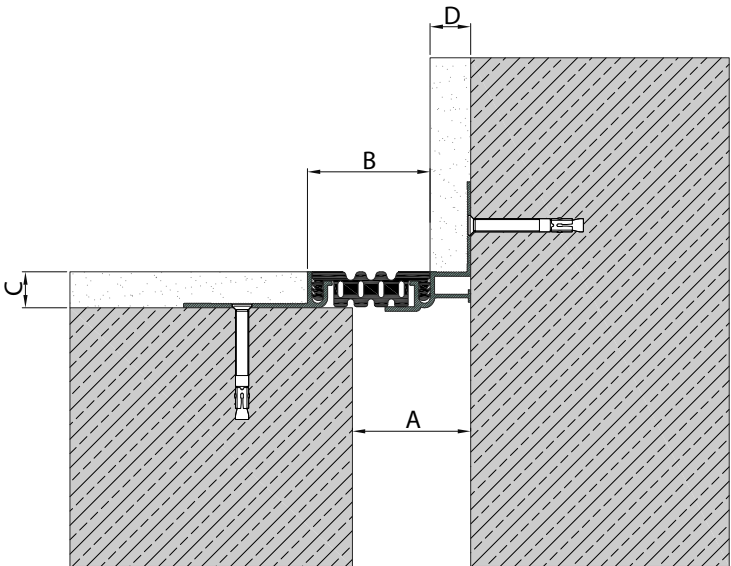
WALL TO CORNER

50-75 mm Expansion Joint Width

Features	
Surface	Aluminium Strips Rubber Insert
System Options	
Joint width(s)	50-75 mm
Height(s)	16 mm
Metal type(s)	Aluminium 6063, T6
Seal Color(s)	Black, Grey, Beige, White and Brown
Waterproofing	Moisture barrier



Type	Joint Width	Visible Width	Installation Height	Finishing Thickness	Total Movement
	A [mm]	B [mm]	C [mm]	D [mm]	[mm]
NPW 55C	50	55	16	16	20 (±10)
NPW 75C	70	75	16	16	30(±15)



NPW-D

EXPANSION JOINT

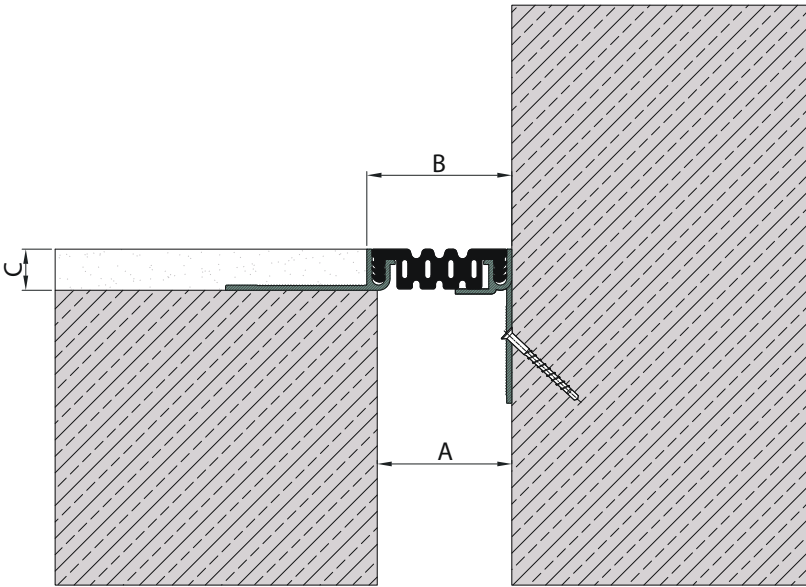
WALL TO CORNER

50-75 mm Expansion Joint Width

Features	
Surface	Aluminium Strips Rubber Insert
System Options	
Joint width(s)	50-75 mm
Height(s)	16 mm
Metal type(s)	Aluminium 6063, T6
Seal Color(s)	Black, Grey, Beige, White and Brown
Waterproofing	Moisture barrier



Type	Joint Width	Visible Width	Installation Height	Total Movement
	A [mm]	B [mm]	C [mm]	[mm]
NPW 55D	50	55	16	20(±10)
NPW 75D	70	75	16	30(±15)



EXPANSION JOINT

FLOOR TO FLOOR

50-75 mm Expansion Joint Width

Features

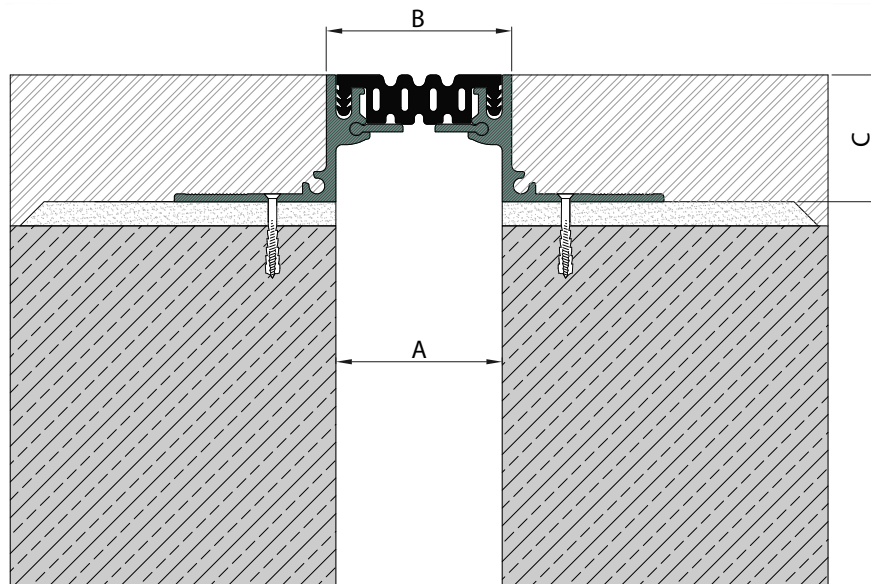
Surface	Aluminium Strips Rubber Insert
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System Options

Joint width(s)	50-75 mm
Height(s)	40 mm
Metal type(s)	Aluminium 6063, T6
Seal Color(s)	Black, Grey, Beige, White and Brown
Waterproofing	Moisture barrier



Type	Joint Width A [mm]	Visible Width B [mm]	Installation Height C [mm]	Total Movement [mm]	Load Capacity 
NX 55	50	55	40	20 (±10)	Pedestrian
NX 75	70	75	40	30(±15)	Pedestrian



EXPANSION JOINT

FLOOR TO WALL

50-75 mm Expansion Joint Width

Features

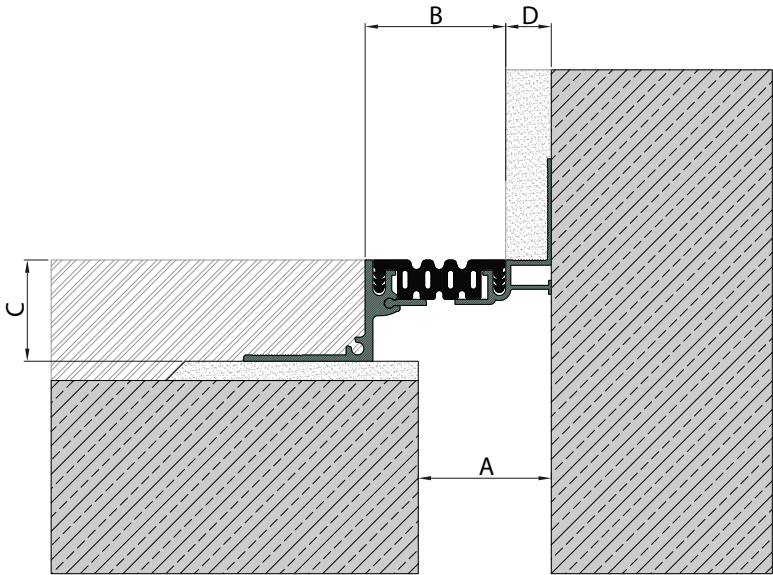
Surface	Aluminium Strips Rubber Insert
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System Options

Joint width(s)	50-75 mm
Height(s)	40 mm
Metal type(s)	Aluminium 6063, T6
Seal Color(s)	Black, Grey, Beige, White and Brown
Waterproofing	Moisture barrier



Type	Joint Width	Visible Width	Installation Height	Finishing Thickness	Total Movement	Load Capacity
	A [mm]	B [mm]	C [mm]	D [mm]	[mm]	
NX 55C	50	55	40	16	20 (±10)	Pedestrian
NX 75C	70	75	40	16	30(±15)	Pedestrian



NX-D

EXPANSION JOINT

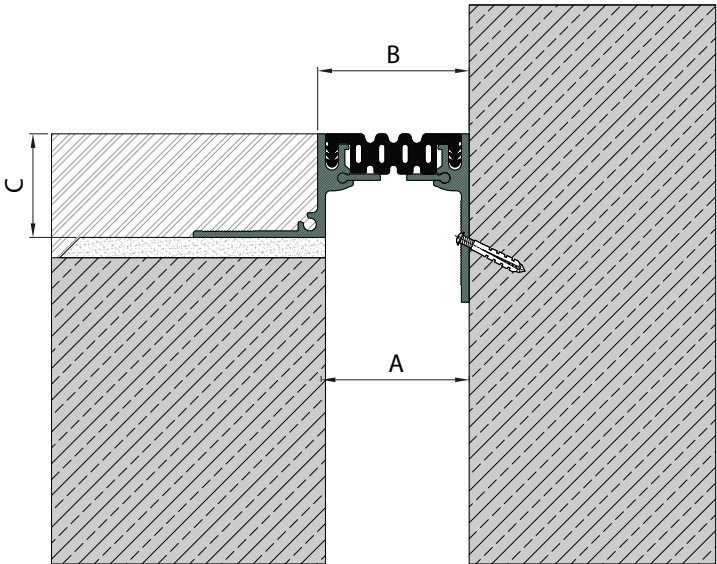
FLOOR TO WALL

50-75 mm Expansion Joint Width

Features	
Surface	Aluminium Strips Rubber Insert
System Options	
Joint width(s)	50-75 mm
Height(s)	40 mm
Metal type(s)	Aluminium 6063, T6
Seal Color(s)	Black, Grey, Beige, White and Brown
Waterproofing	Moisture barrier



Type	Joint Width A [mm]	Visible Width B [mm]	Installation Height C [mm]	Total Movement [mm]	Load Capacity 
NX 55D	50	55	40	20 (±10)	Pedestrian
NX 75D	70	75	40	30(±15)	Pedestrian



EXPANSION JOINT
FLOOR TO FLOOR & WALL TO WALL
& CEILING TO CEILING
25-35 mm Expansion Joint Width

Features

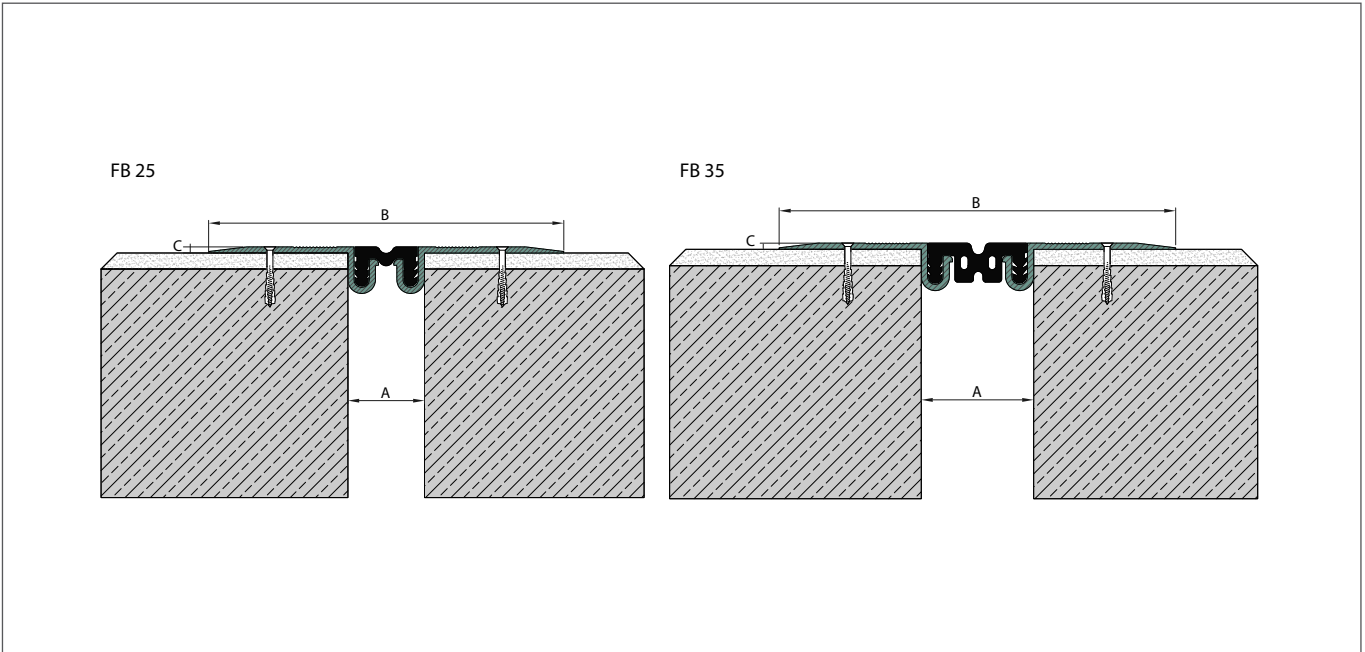
Surface	Aluminium Strips Rubber Insert
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System Options

Joint width(s)	25-35 mm
Height(s)	2 mm
Metal type(s)	Aluminium 6063, T6
Seal Color(s)	Black, Grey, Beige, White and Brown
Waterproofing	Moisture barrier



Type	Joint Width A [mm]	Visible Width B [mm]	Installation Height C [mm]	Total Movement [mm]	Load Capacity 
FB 25	25	116	2	10(±5.0)	Pedestrian
FB 35	35	126	2	15(±7.5)	Pedestrian



FB-C

EXPANSION JOINT

FLOOR TO WALL & WALL TO CORNER & CEILING TO WALL

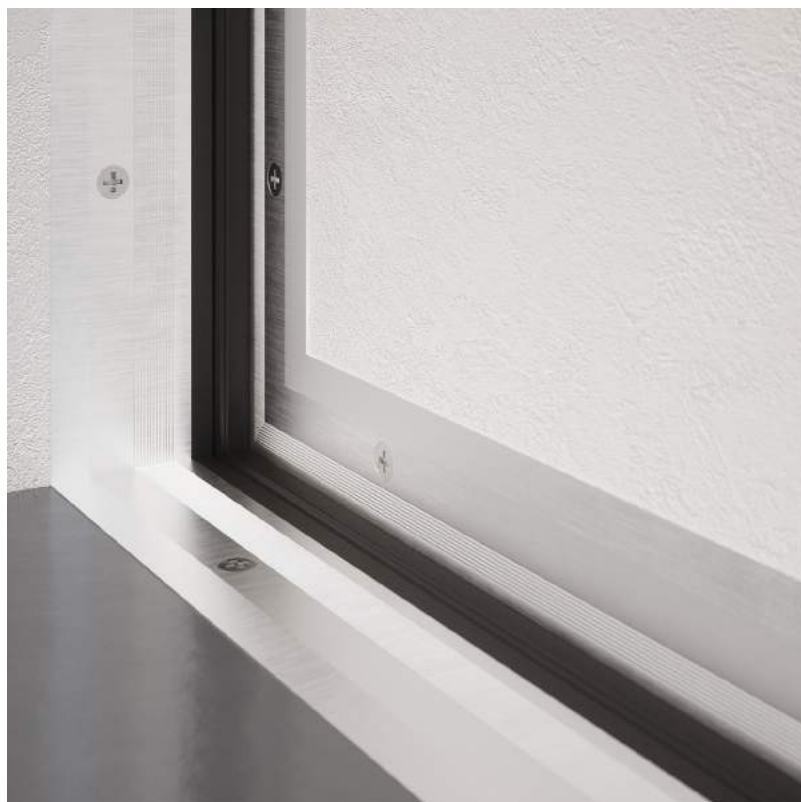
25-35 mm Expansion Joint Width

Features

Surface	Aluminium Strips Rubber Insert
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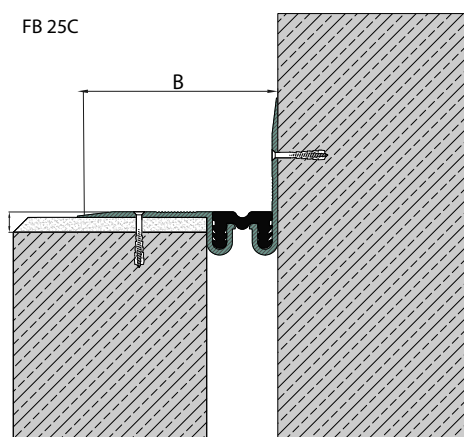
System Options

Joint width[s]	25-35 mm
Height[s]	2 mm
Metal type[s]	Aluminium 6063, T6
Seal Color[s]	Black, Grey, Beige, White and Brown
Waterproofing	Moisture barrier

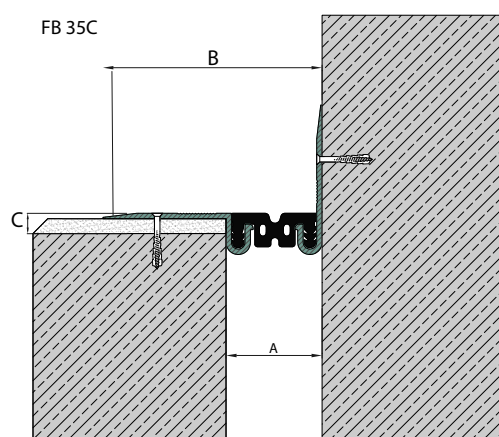


Type	Joint Width A [mm]	Visible Width B [mm]	Installation Height C [mm]	Total Movement [mm]	Load Capacity 
FB 25C	25	70	42	10(±5.0)	Pedestrian
FB 35C	35	80	42	15(±7.5)	Pedestrian

FB 25C



FB 35C



FB-50

EXPANSION JOINT

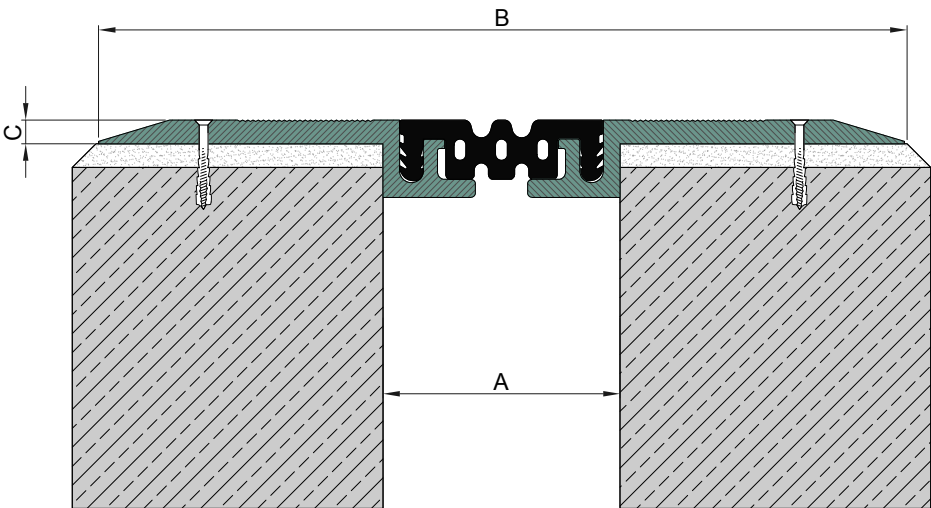
FLOOR TO FLOOR

50 mm Expansion Joint Width

Features	
Surface	Aluminium Strips Rubber Insert
System Options	
Joint width(s)	50 mm
Height(s)	5 mm
Metal type(s)	Aluminium 6063, T6
Seal Color(s)	Black, Grey, Beige
Waterproofing	Moisture barrier



Type	Joint Width A [mm]	Visible Width B [mm]	Installation Height C [mm]	Total Movement [mm]	Load Capacity 
FB 50	50	170	5	20 (±10)	Vehicle



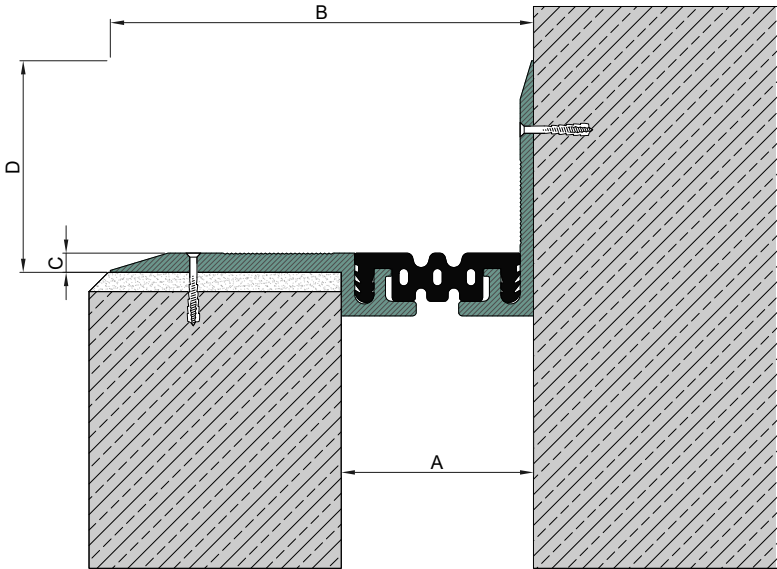
FB-50C

EXPANSION JOINT FLOOR TO WALL 50 mm Expansion Joint Width

Features	
Surface	Aluminium Strips Rubber Insert
System Options	
Joint width(s)	50 mm
Height(s)	5 mm
Metal type(s)	Aluminium 6063, T6
Seal Color(s)	Black, Grey, Beige
Waterproofing	Moisture barrier



Type	Joint Width A [mm]	Visible Width B [mm]	Installation Height C [mm]	Visible Height D [mm]	Total Movement [mm]	Load Capacity 
FB 50C	50	110	5	55	20(±10)	Vehicle



FB-50D

EXPANSION JOINT

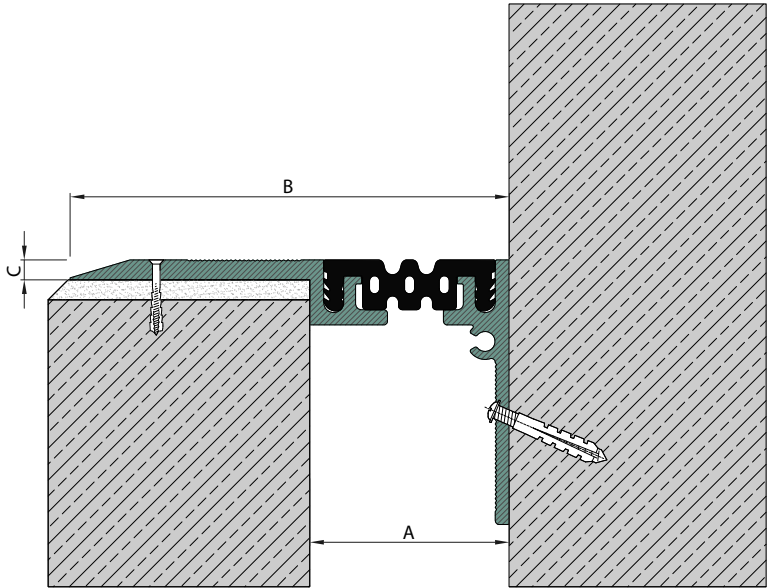
FLOOR TO WALL

50 mm Expansion Joint Width

Features	
Surface	Aluminium Strips Rubber Insert
System Options	
Joint width(s)	50 mm
Height(s)	5 mm
Metal type(s)	Aluminium 6063, T6
Seal Color(s)	Black, Grey, Beige, White and Brown
Waterproofing	Moisture barrier



Type	Joint Width A [mm]	Visible Width B [mm]	Installation Height C [mm]	Total Movement [mm]	Load Capacity 
FB 50D	50	110	5	20 (±10)	Vehicle



FBV-50

EXPANSION JOINT

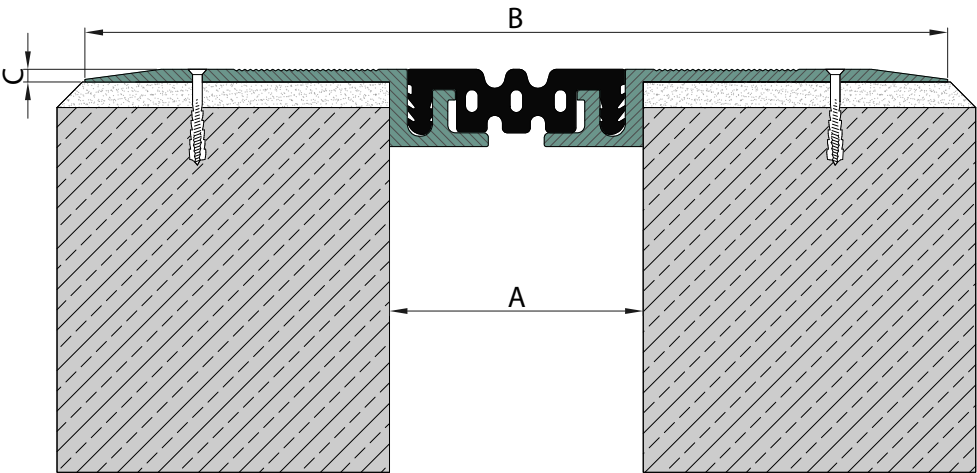
WALL TO WALL;
CEILING TO CEILING

50 mm Expansion Joint Width

Features	
Surface	Aluminium Strips Rubber Insert
System Options	
Joint width[s]	50 mm
Height[s]	5 mm
Metal type[s]	Aluminium 6063, T6
Seal Color[s]	Black, Grey, Beige, White and Brown
Waterproofing	Moisture barrier



Type	Joint Width A [mm]	Visible Width B [mm]	Installation Height C [mm]	Total Movement [mm]
FBV 50	50	170	2.5	20(±10)



FBV-50C

EXPANSION JOINT

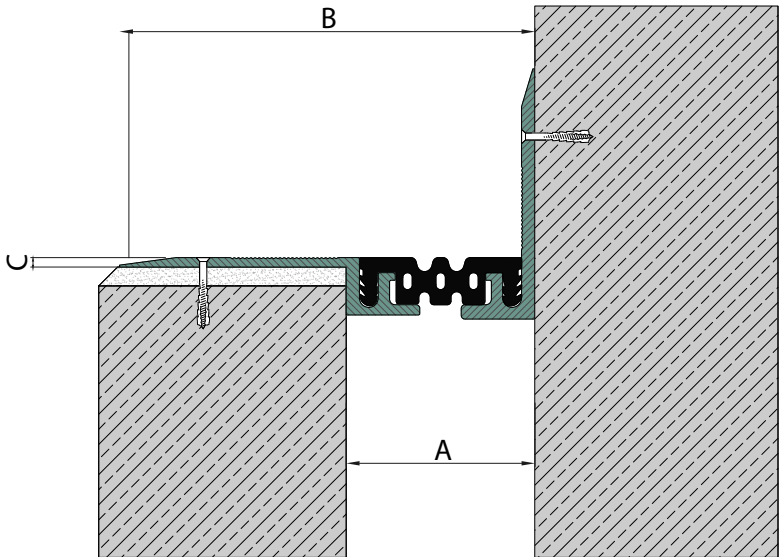
WALL TO CORNER

50 mm Expansion Joint Width

Features	
Surface	Aluminium Strips Rubber Insert
System Options	
Joint width(s)	50 mm
Height(s)	2.5 mm
Metal type(s)	Aluminium 6063, T6
Seal Color(s)	Black, Grey, Beige, White and Brown
Waterproofing	Moisture barrier



Type	Joint Width A [mm]	Visible Width B [mm]	Installation Height C [mm]	Total Movement [mm]
FBV 50C	50	110	5	20(±10)



FBV 50D

EXPANSION JOINT

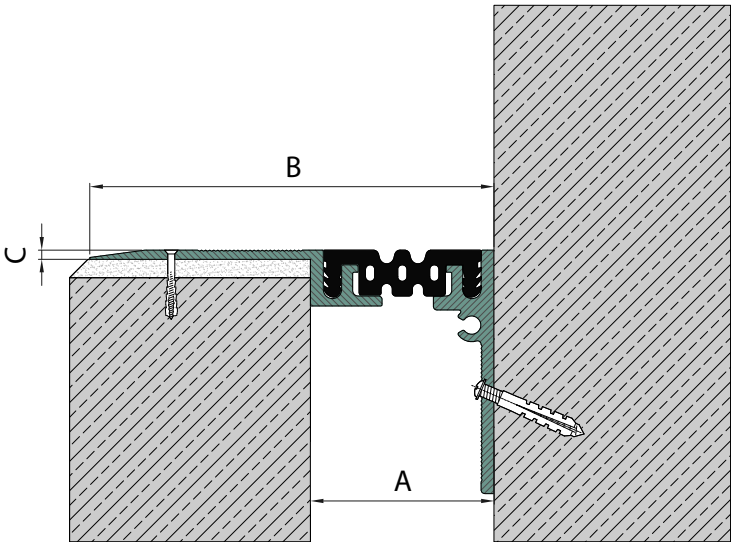
WALL TO CORNER

50 mm Expansion Joint Width

Features	
Surface	Aluminium Strips Rubber Insert
System Options	
Joint width(s)	50 mm
Height(s)	2.5 mm
Metal type(s)	Aluminium 6063, T6
Seal Color(s)	Black, Grey, Beige, White and Brown
Waterproofing	Moisture barrier



Type	Joint Width A [mm]	Visible Width B [mm]	Installation Height c [mm]	Total Movement [mm]
FBV 50D	50	110	5	20(±10)



NMM 25

EXPANSION JOINT

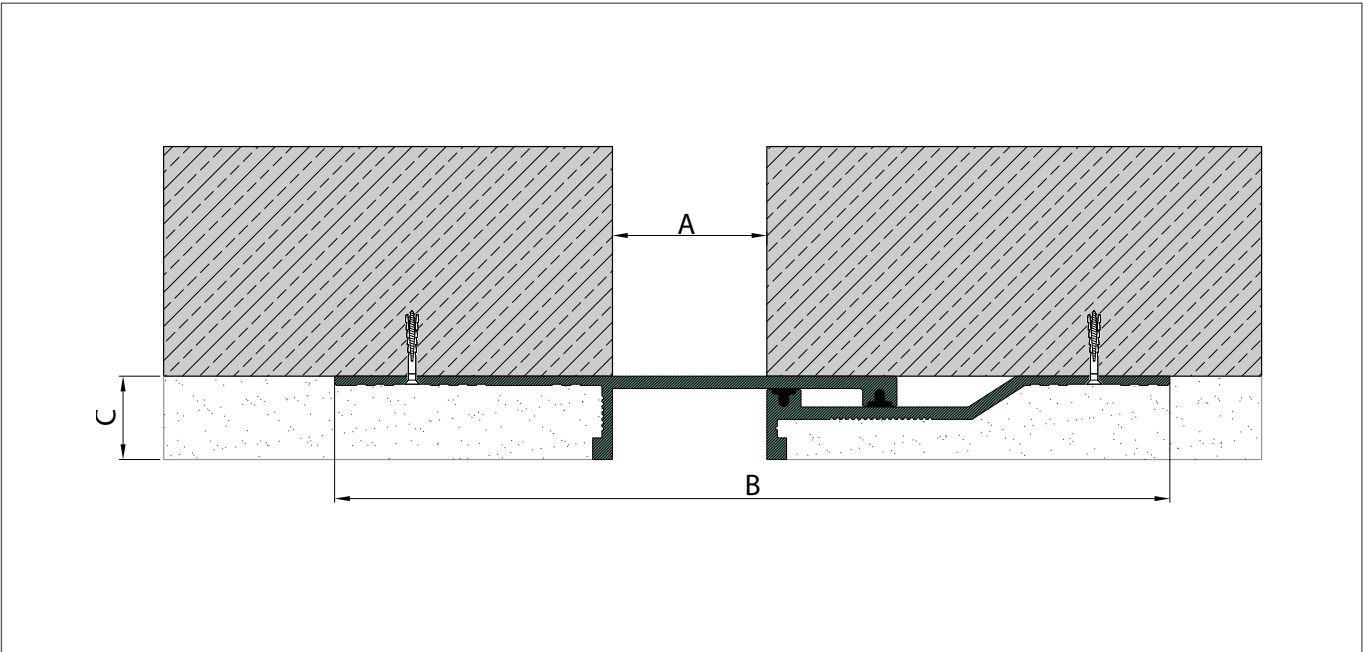
WALL TO WALL

25 mm Expansion Joint Width

Features	
Surface	Aluminum
System Options	
Gap width(s)	25 mm
Height(s)	13.5 mm
Metal type(s)	Aluminium 6063, T6
Seal Color(s)	Black
Waterproofing	Moisture barrier



Type	Joint Width	Visible Width	Installation Height	Total Movement
	A [mm]	B [mm]	C [mm]	[mm]
NMM 25	25	31.5	13.5	30 (+10-20)



NMM 25C

EXPANSION JOINT

WALL TO CORNER

25 mm Expansion Joint Width

Features

Surface Aluminum

System Options

Gap width(s) 25 mm

Height(s) 13.5 mm

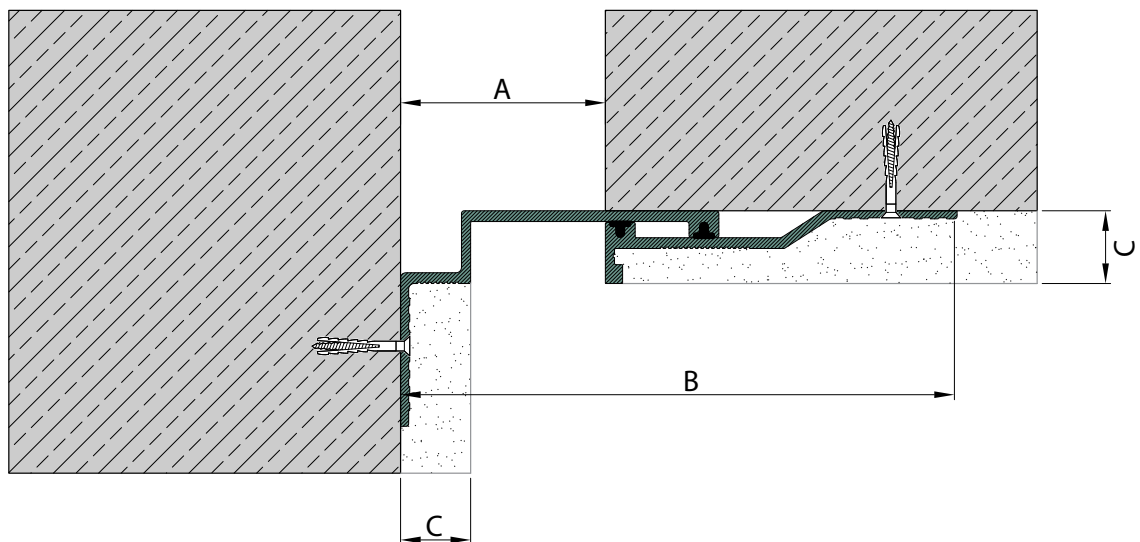
Metal type(s) Aluminium 6063, T6

Seal Color(s) Black

Waterproofing Moisture barrier



Type	Joint Width A [mm]	Visible Width B [mm]	Installation Height C [mm]	Total Movement [mm]
NMM 25C	25	31.5	13.5	30 (+10-20)



SEISMIC EXPANSION JOINT

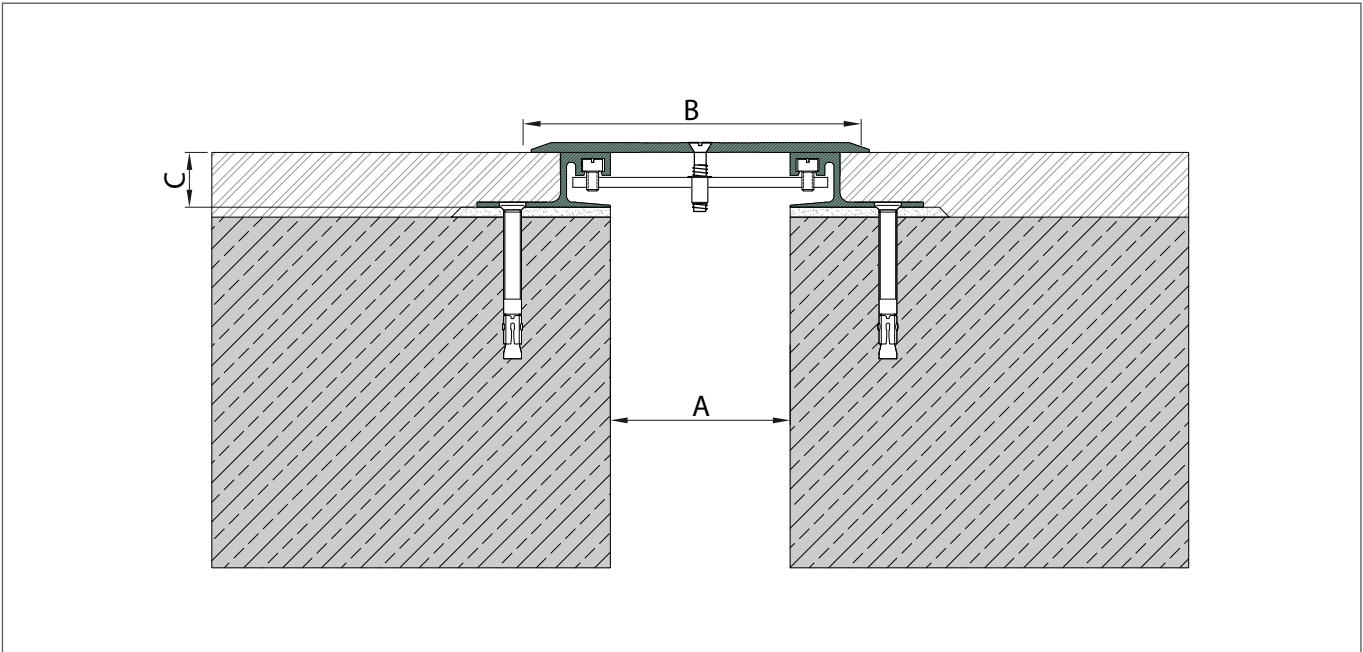
FLOOR TO FLOOR

25 - 75 mm Expansion Gap

Features	
Surface	Aluminium Strips
System Options	
Gap width(s)	25 - 75 mm
Height(s)	27.5 mm
Metal type(s)	Aluminium 6063, T6
Seal Color(s)	Free Seal
Waterproofing	Moisture barrier



Type	Joint Width A [mm]	Visible Width B [mm]	Installation Height C [mm]	Total Movement [mm]	Seismic Movement [mm]	Load Capacity 
NS 25	25	110	27.5	30 (+15-15)	40 (+25-15)	Private Cars
NS 35	35	110	27.5	40 (+20-20)	65 (+40-25)	Private Cars
NS 50	50	150	27.5	70 (+35-35)	95 (+50-45)	Private Cars
NS 75	75	170	27.5	80 (+40-40)	115 (+50-65)	Private Cars



NS-C

SEISMIC EXPANSION JOINT

FLOOR TO WALL

25 - 75 mm Expansion Gap

Features

Surface Solid Aluminium

System Options

Gap width(s) 25 - 75 mm

Height(s) 27.5 mm

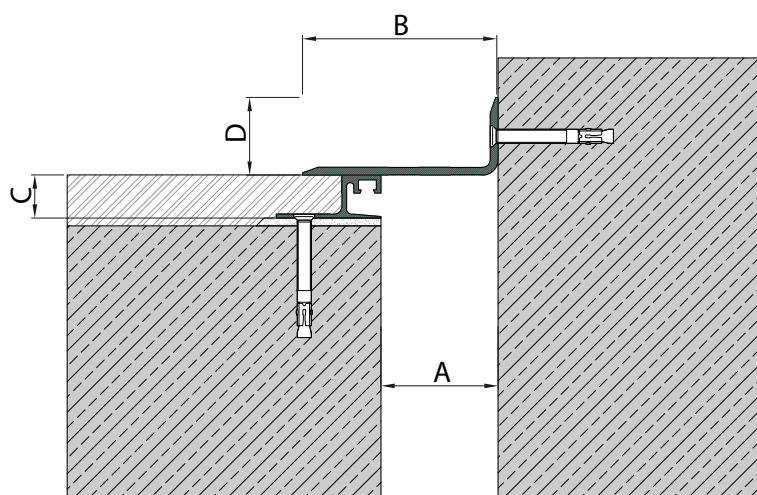
Metal type(s) Aluminium 6063, T6

Seal Color(s) Free Seal

Waterproofing Moisture barrier



Type	Joint Width A [mm]	Visible Width B [mm]	Installation Height C [mm]	Visible Height D [mm]	Total Movement [mm]	Seismic Movement [mm]	Load Capacity 
NS 25C	25	67	27.5	40	30 (+15-15)	40 (+25-15)	Private Cars
NS 35C	35	67	27.5	40	40 (+20-20)	65 (+40-25)	Private Cars
NS 50C	50	100	27.5	40	70 (+35-35)	95 (+50-45)	Private Cars
NS 75C	75	120	27.5	50	80 (+40-40)	115 (+50-65)	Private Cars



SEISMIC EXPANSION JOINT

WALL TO WALL

25 - 75 mm Expansion Gap

Features

Surface Solid Aluminium

System Options

Gap width(s) 25 - 75 mm

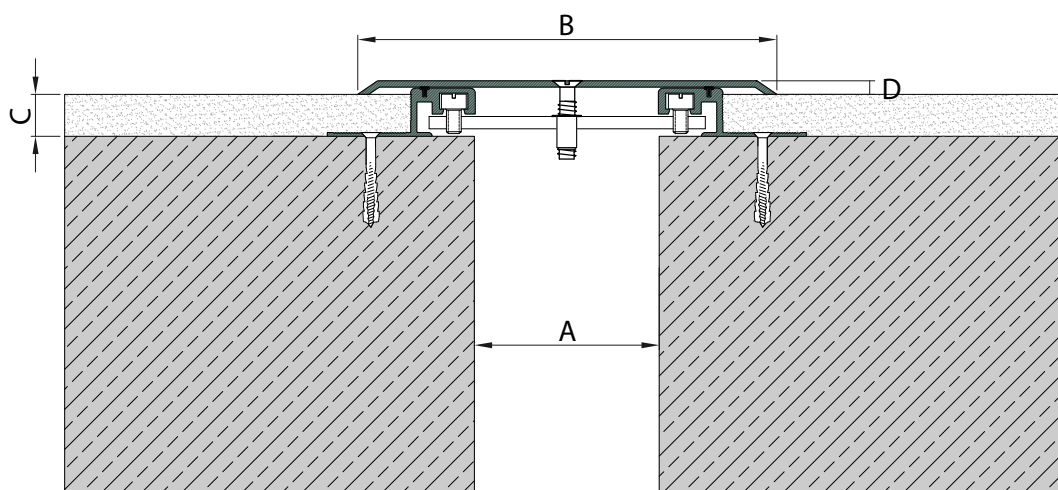
Height(s) 16 mm

Metal type(s) Aluminium 6063, T6

Seal Color(s) Free Seal



Type	Joint Width A [mm]	Visible Width B [mm]	Installation Height C [mm]	Visible Height D [mm]	Thermal Movement [mm]	Seismic Movement [mm]
NSW 25	25	110	16	6.5	30 (+15-15)	40 (+25-15)
NSW 35	35	120	16	6.5	40 (+20-20)	65 (+40-25)
NSW 50	50	150	16	6.5	70 (+35-35)	95 (+50-45)
NSW 75	75	170	16	6.5	80 (+40-40)	115 (+50-65)



NSW-C

SEISMIC EXPANSION JOINT

WALL TO CORNER

25 - 75 mm Expansion Gap

Features

Surface Solid Aluminium

System Options

Gap width(s) 25 - 75 mm

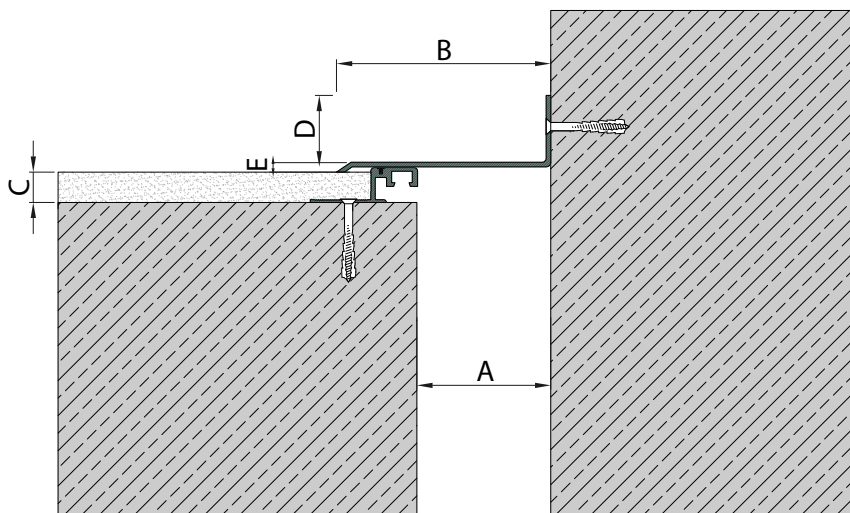
Height(s) 16 mm

Metal type(s) Aluminium 6063, T6

Seal Color(s) Free Seal



Type	Joint Width A [mm]	Visible Width B [mm]	Installation Height C [mm]	Total Height D [mm]	Visible Height E [mm]	Thermal Movement [mm]	Seismic Movement [mm]
NSW 25C	25	67	16	40	6.5	30 (+15-15)	50 (+25-25)
NSW 35C	35	77	16	40	6.5	40 (+20-20)	65 (+30-35)
NSW 50C	50	100	16	40	6.5	70 (+35-35)	95 (+50-45)
NSW 75C	75	120	16	40	6.5	80 (+40-40)	115 (+50-65)



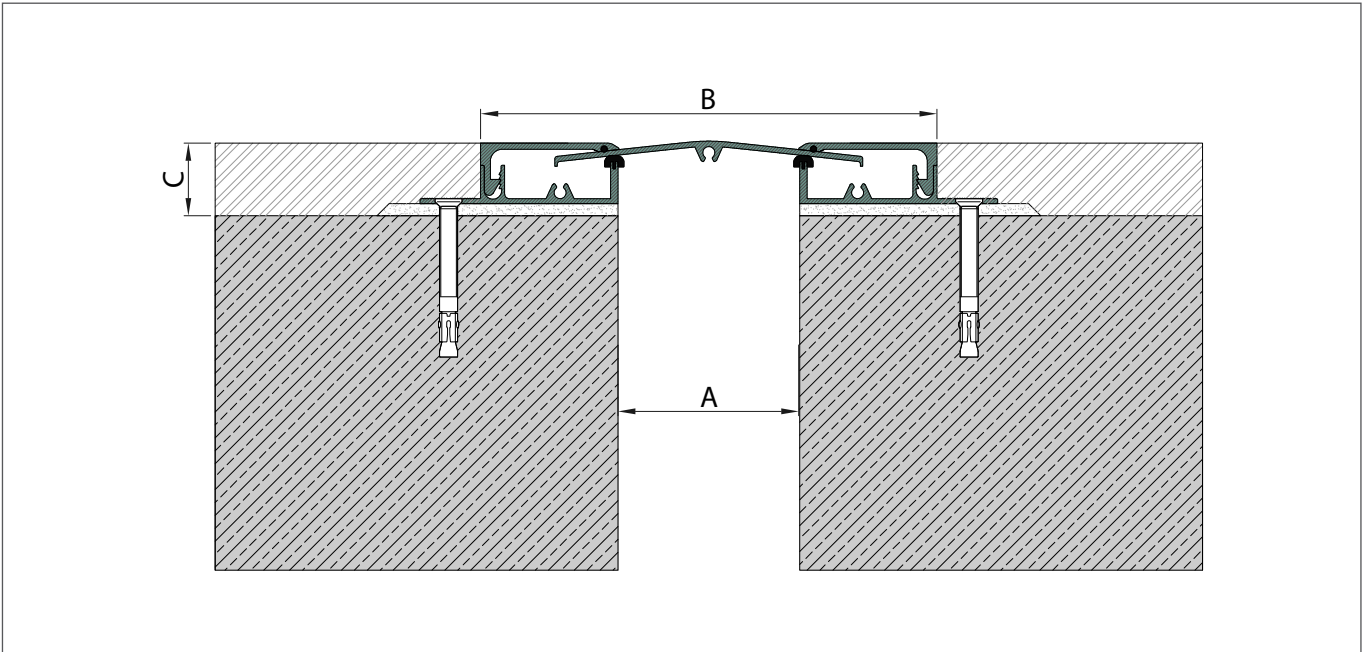
SEISMIC EXPANSION JOINT
FLOOR TO FLOOR

35 - 75 mm Expansion Gap

Features	
Surface	Solid Aluminium
System Options	
Gap width(s)	35 - 75 mm
Height(s)	25 mm
Metal type(s)	Aluminium 6063, T6
Seal Color(s)	Free Seal
Waterproofing	Moisture barrier



Type	Joint Width A	Visible Width B	Installation Height C	Total Movement	Load Capacity
	[mm]	[mm]	[mm]	[mm]	
NZ 35	35	150	25	70 (+40-30)	Private Cars
NZ 50	50	165	25	85 (+40-45)	Private Cars
NZ 75	75	190	25	85 (+40-45)	Private Cars



NZ-C

SEISMIC EXPANSION JOINT

FLOOR TO WALL

35 - 75 mm Expansion Gap

Features

Surface Solid Aluminium

System Options

Gap width(s) 35 - 75 mm

Height(s) 25 mm

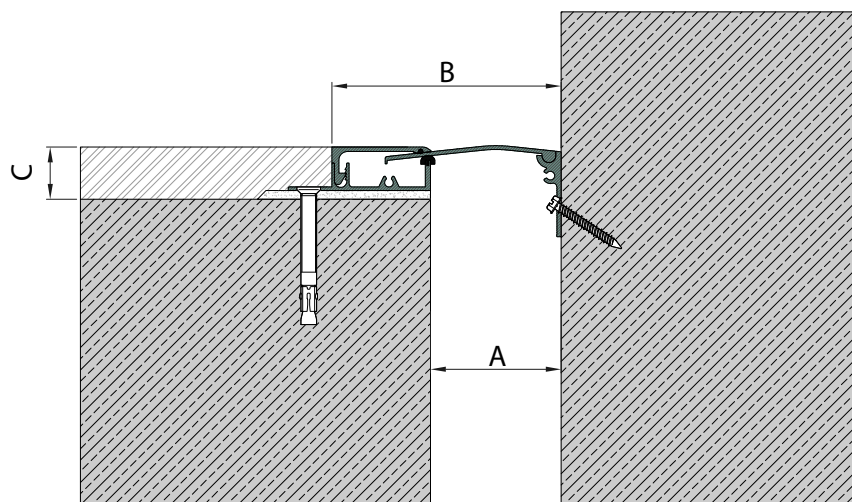
Metal type(s) Aluminium 6063, T6

Seal Color(s) Free Seal

Waterproofing Moisture barrier



Type	Joint Width A [mm]	Visible Width B [mm]	Installation Height C [mm]	Total Movement [mm]	Load Capacity 
NZ 35C	35	92	25	40 (+20-20)	Private Cars
NZ 50C	50	107	25	40 (+20-20)	Private Cars
NZ 75C	75	132	25	40 (+20-20)	Private Cars



EXPANSION JOINT

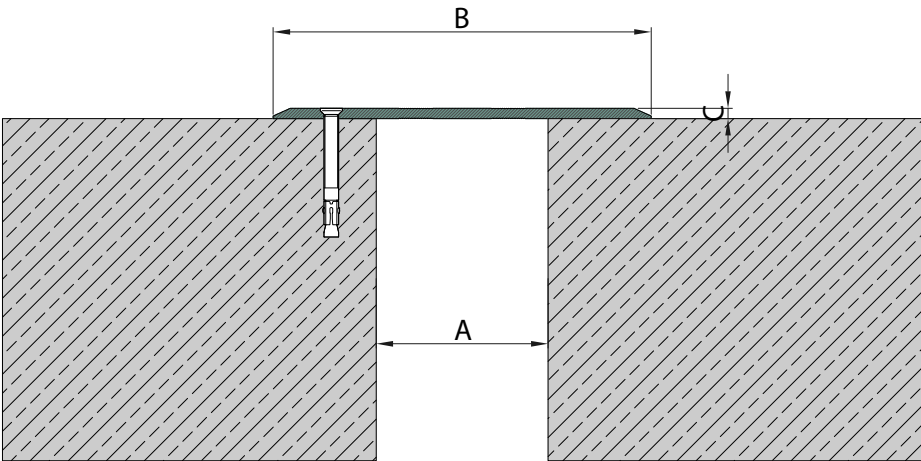
FLOOR TO FLOOR

25 - 200 mm Expansion Gap

Features	
Surface	Solid Aluminium Brushed Finish
System Options	
Gap width(s)	25 - 200 mm
Height(s)	2.5 - 8 mm
Metal type(s)	Aluminium 6063, T6
Seal Color(s)	Free Seal
Waterproofing	Moisture barrier



Type	Joint Width A [mm]	Visible Width B [mm]	Installation Height C [mm]	Total Movement [mm]	Load Capacity 
UCP 25	25-35	110	2.5	65 (+40-25)	Vehicle
UCP 50	50	150	4	100 (+50-50)	Vehicle
UCP 100	100	220	6	150 (+50-100)	Vehicle
UCP 150	150	270	8	200 (+50-150)	Vehicle
UCP 200	200	320	8	250 (+50-200)	Vehicle



UCP-C

EXPANSION JOINT

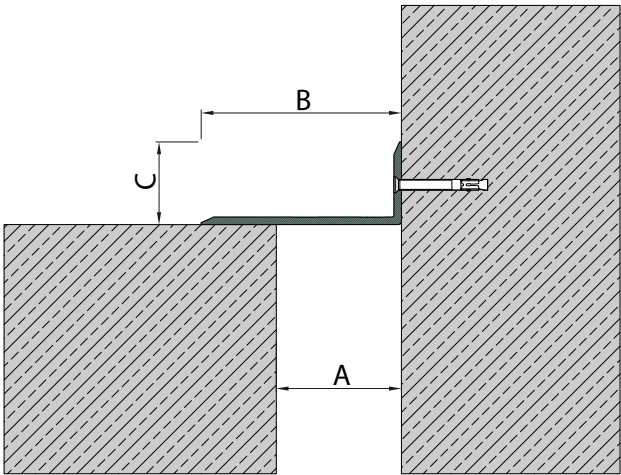
FLOOR TO WALL

25-200 mm Expansion Joint Width

Features	
Surface	Solid Aluminium Brushed Finish
System Options	
Gap width(s)	25 - 200 mm
Height(s)	40-68
Metal type(s)	Aluminium 6063, T6
Seal Color(s)	Free Seal
Waterproofing	Moisture barrier



Type	Joint Width A [mm]	Visible Width B [mm]	Installation Height C [mm]	Total Movement [mm]	Load Capacity 
UCP 25C	25-35	67	40	65 (+40-25)	Vehicle
UCP 50C	50	100	40	100 (+50-50)	Vehicle
UCP 100C	100	160	61	150 (+50-100)	Vehicle
UCP 150C	150	210	61	200 (+50-150)	Vehicle
UCP 200C	200	250	68	250 (+50-200)	Vehicle



EXPANSION JOINT

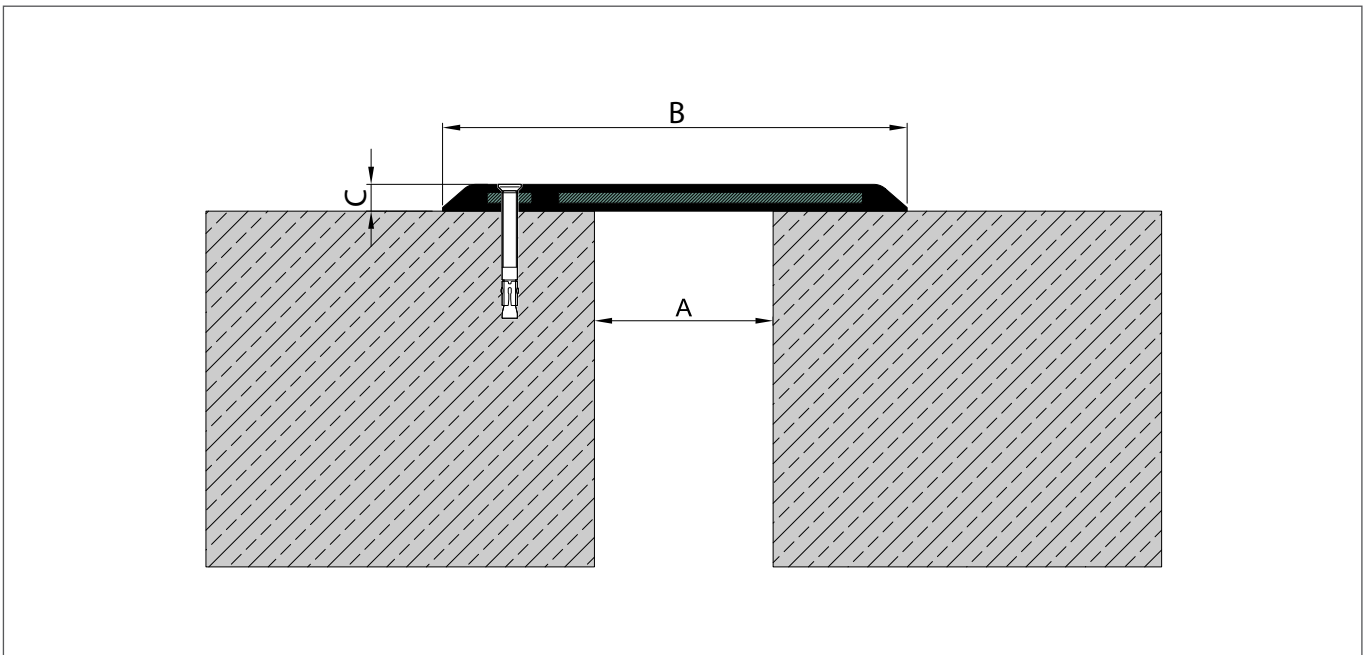
FLOOR TO FLOOR

50 - 200 mm Expansion Gap

Features	
Surface	Textured Rubber
System Options	
Gap width(s)	50 - 200 mm
Height(s)	15 mm
Metal type(s)	Steel
Seal Color(s)	Black



Type	Joint Width A [mm]	Visible Width B [mm]	Installation Height C [mm]	Total Movement [mm]	Load Capacity 
UCPR 50	50	210	15	100 (+50-50)	Vehicle
UCPR 75	75	225	15	125 (+50-75)	Vehicle
UCPR 100	100	260	15	150 (+50-100)	Vehicle
UCPR 150	150	325	15	200 (+50-150)	Vehicle
UCPR 200	200	375	15	250 (+50-200)	Vehicle

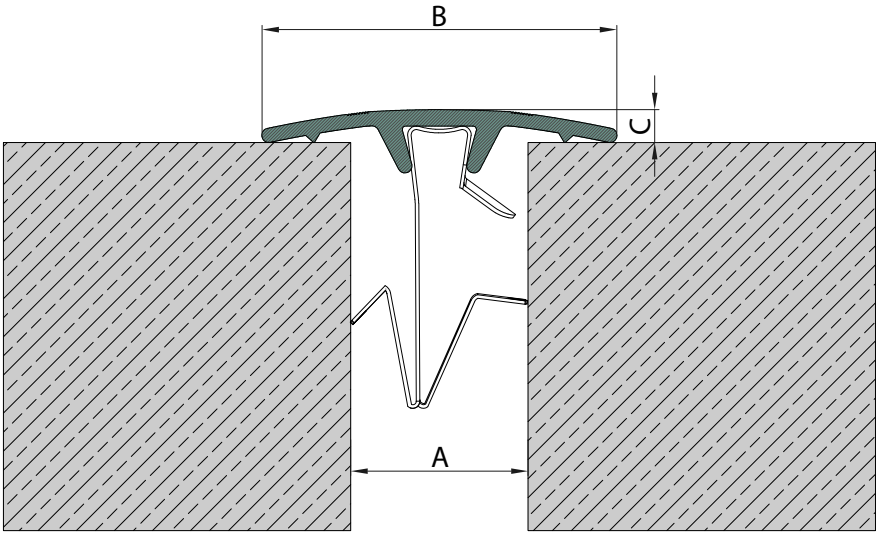


EXPANSION JOINT
FLOOR TO FLOOR, WALL TO WALL
20 - 65 mm Expansion Joint Width

Features	
Surface	Solid Aluminium Brushed Finish Anodized Finish
System Options	
Joint width(s)	20-65 mm
Height(s)	5 mm
Metal type(s)	Aluminium 6063, T6
Seal Color(s)	Free Seal



Type	Joint Width A [mm]	Visible Width B [mm]	Installation Height C [mm]	Total Movement [mm]	Load Capacity 
UCC 50	20-30	50	5	65 (±40-25)	Pedestrian
UCC 70	30-50	70	5	100 (±50-50)	Pedestrian
UCC 90	45-65	90	5	150 (±50-100)	Pedestrian



EXPANSION JOINT

FLOOR TO WALL, WALL TO CORNER

20 - 65 mm Expansion Joint Width

Features

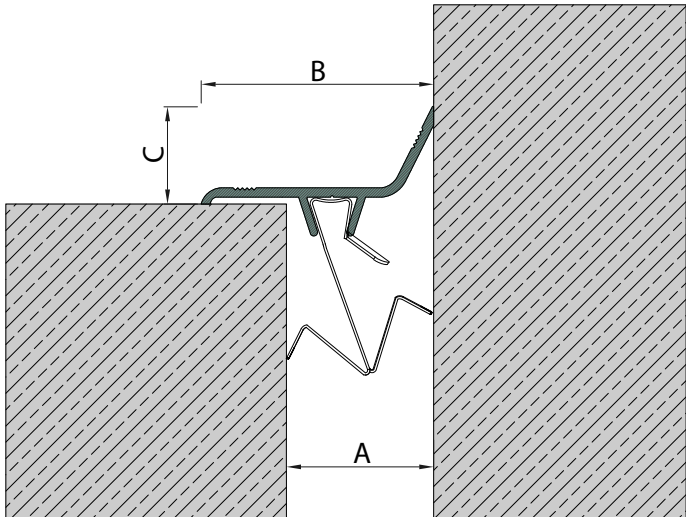
Surface	Solid Aluminium Anodized Finish
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System Options

Joint width(s)	20-65 mm
Height(s)	20 mm
Metal type(s)	Aluminium 6063, T6
Seal Color(s)	Free Seal



Type	Joint Width A [mm]	Visible Width B [mm]	Visible Height C [mm]	Total Movement [mm]	Load Capacity 
UCC 50C	20-30	50	21	20 (±10)	Pedestrian
UCC 70C	30-50	70	21	30 (±15)	Pedestrian
UCC 90C	45-65	90	21	45 (±22.5)	Pedestrian



EXPANSION JOINT

WALL TO WALL

25 - 150 mm Expansion Gap

Features

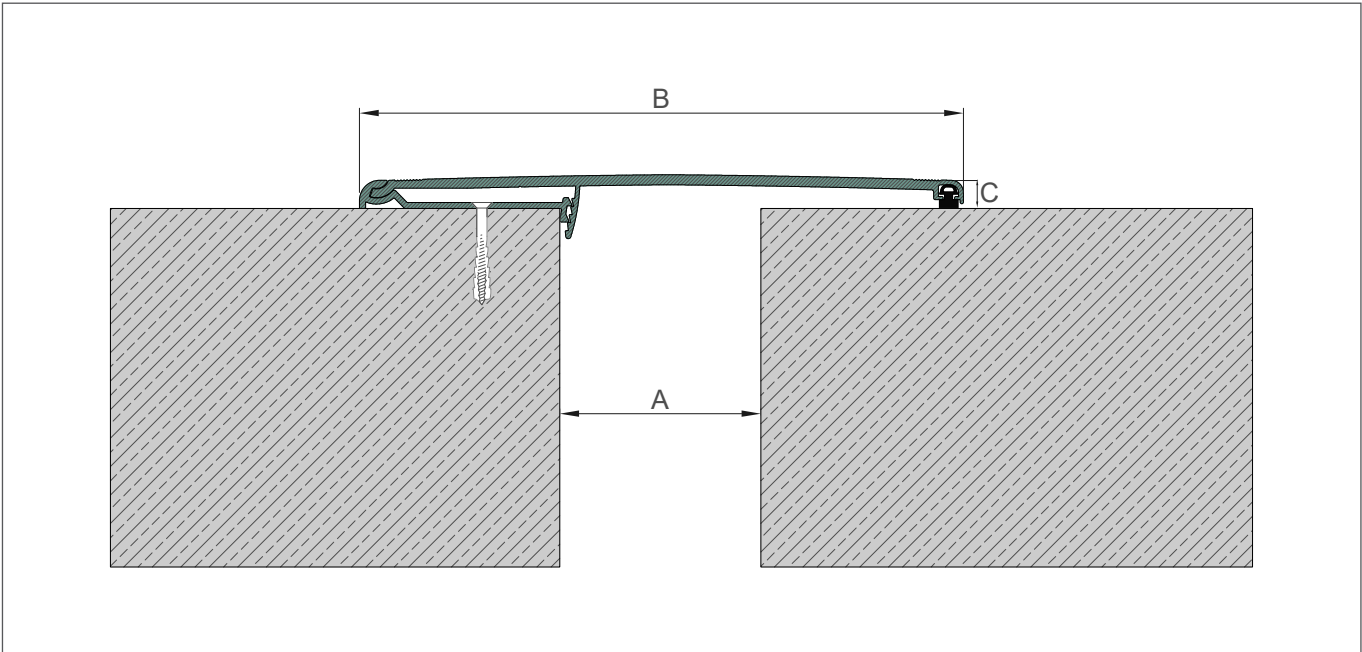
Surface	Solid Aluminium Brushed Finish
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System Options

Gap width(s)	50 - 150 mm
Height(s)	10 mm
Metal type(s)	Aluminium 6063, T6
Waterproofing	Moisture barrier



Type	Joint Width A [mm]	Visible Width B [mm]	Installation Height C [mm]	Total Movement [mm]
UWC 50	50	150	8	90(+40-50)
UWC 100	100	200	8	140(+40-100)
UWC 150	150	290	8	230(+80-150)



EXPANSION JOINT

WALL TO CORNER

50 - 150 mm Expansion Gap

Features

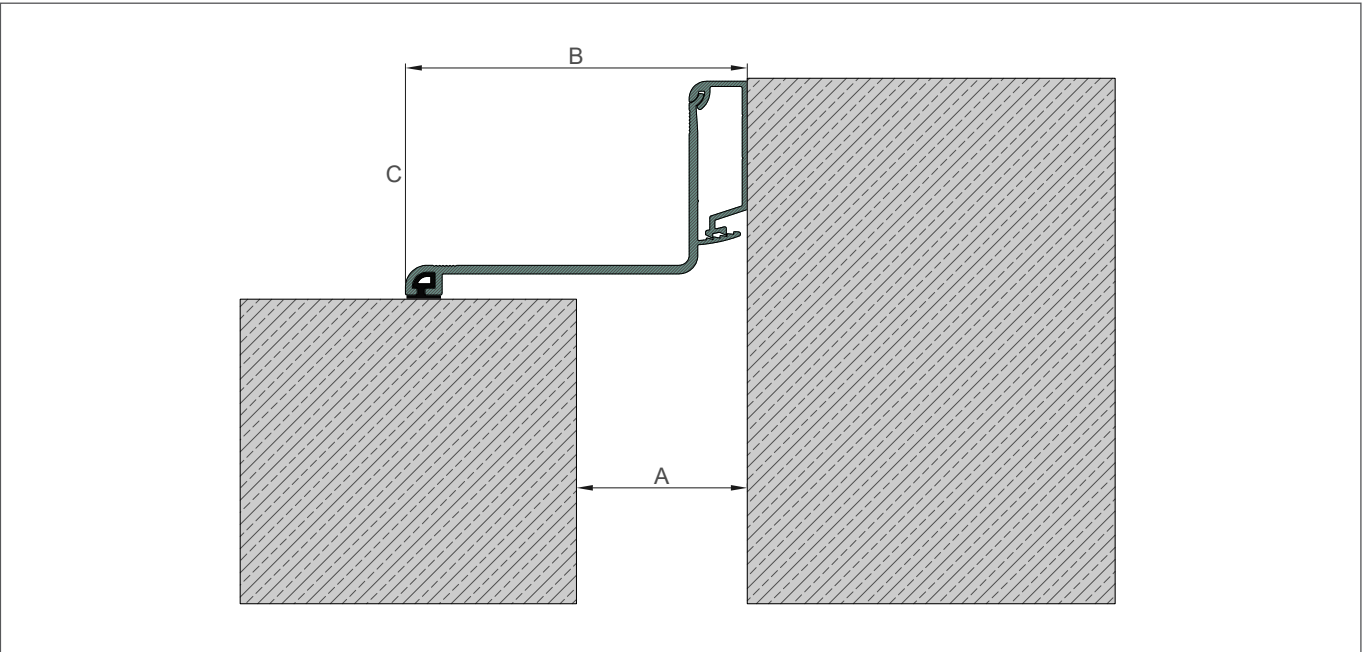
Surface	Solid Aluminium Brushed Finish
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System Options

Gap width[s]	50 - 150 mm
Height[s]	10 mm
Metal type[s]	Aluminium 6063, T6
Waterproofing	Moisture barrier



Type	Joint Width A [mm]	Visible Width B [mm]	Visible Height C [mm]	Total Movement [mm]
UWC 50C	50	100	64	90(+40-50)
UWC 100C	100	150	64	140(+40-100)
UWC 150C	150	240	64	230(+80-150)



SEISMIC EXPANSION JOINT FLOOR TO FLOOR

100 - 400 mm Expansion Joint Width

Features

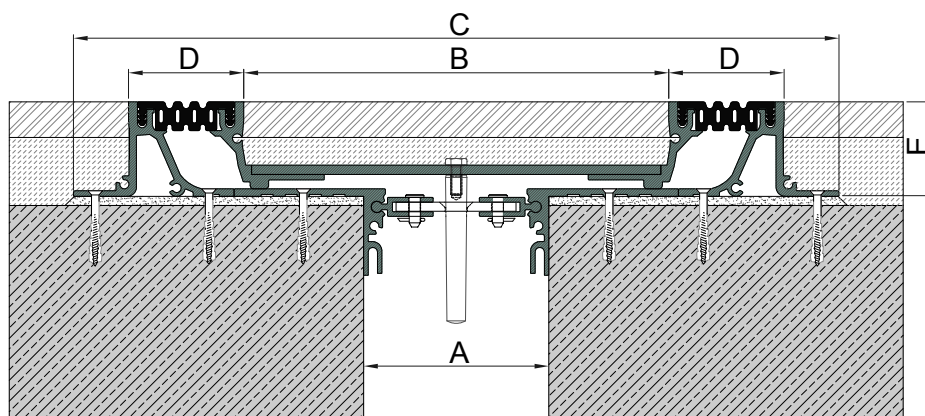
Surface	Aluminium Strips Rubber Seal Floor Finish
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System Options

Joint width(s)	100 - 400 mm
Height(s)	51 mm
Metal type(s)	Aluminium 6063, T6
Seal Color(s)	Black, Grey, Beige, White and Brown
Waterproofing	Moisture barrier



Type	Joint Width A [mm]	Pan Width B [mm]	Total Width C [mm]	Visible Width D [mm]	Installation Height E [mm]	Total Movement [mm]	Seismic Movement [mm]	Load Capacity 
UFSJ 100	100	230	414	62.3	51	50 (±25)	190 (+140-50)	Pedestrian
UFSJ 150	150	280	464	62.3	51	50 (±25)	240 (+140-100)	Pedestrian
UFSJ 200	200	330	514	62.3	51	50 (±25)	290 (+140-150)	Pedestrian
UFSJ 250	250	380	564	62.3	51	50 (±25)	340 (+140-200)	Pedestrian
UFSJ 300	300	430	614	62.3	51	50 (±25)	390 (+140-250)	Pedestrian
UFSJ 400	400	530	714	62.3	51	50 (±25)	490 (+140-350)	Pedestrian



SEISMIC EXPANSION JOINT FLOOR TO WALL

100 - 400 mm Expansion Joint Width

Features

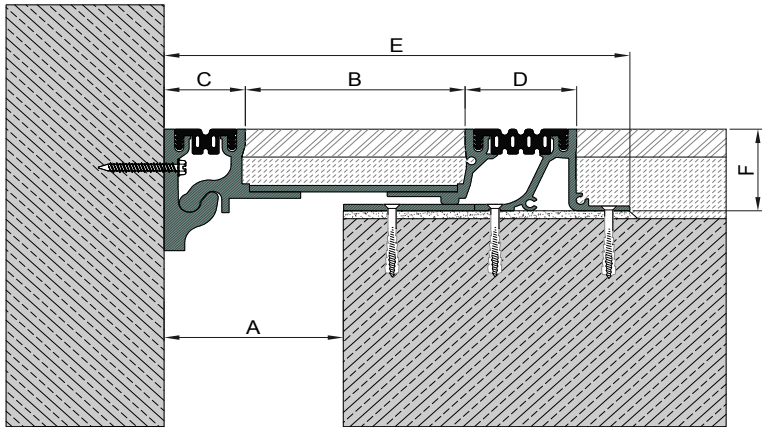
Surface	Aluminium Strips Rubber Seal Floor Finish
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System Options

Joint width(s)	100 - 400 mm
Height(s)	51 mm
Metal type(s)	Aluminium 6063, T6
Seal Color(s)	Black, Grey, Beige, White and Brown
Waterproofing	Moisture barrier



Type	Joint Width A [mm]	Pan Width B [mm]	Visible Width C [mm]	Visible Width D [mm]	Total Width E [mm]	Installation Height F [mm]	Thermal Movement [mm]	Seismic Movement [mm]	Load Capacity 
UFSJ 100C	100	123	45.4	62.3	260.7	51	40 (±20)	125 (+60-65)	Pedestrian
UFSJ 150C	150	173	45.4	62.3	310.7	51	40 (±20)	175 (+60-115)	Pedestrian
UFSJ 200C	200	223	45.4	62.3	360.7	51	40 (±20)	225 (+60-165)	Pedestrian
UFSJ 250C	250	273	45.4	62.3	410.7	51	40 (±20)	275 (+60-215)	Pedestrian
UFSJ 300C	300	323	45.4	62.3	460.7	51	40 (±20)	325 (+60-265)	Pedestrian
UFSJ 400C	400	423	45.4	62.3	560.7	51	40 (±20)	425 (+60-365)	Pedestrian



SEISMIC EXPANSION JOINT FLOOR TO FLOOR

100-400 mm Expansion Gap

Features

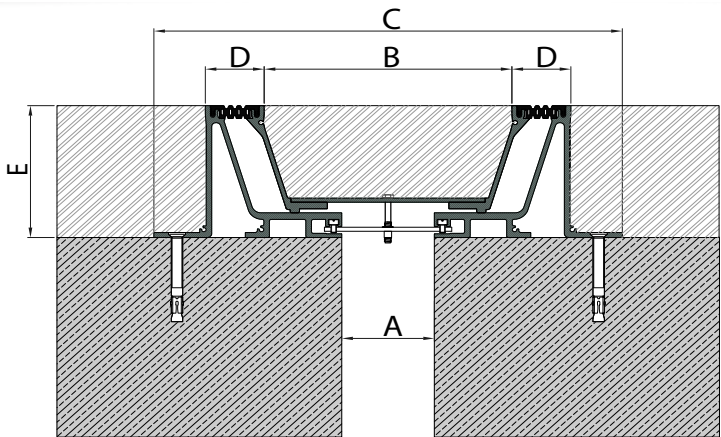
Surface	Aluminium Strips Rubber Seal Floor Finish
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System Options

Gap width[s]	100 - 400 mm
Height[s]	160 mm
Metal type[s]	Aluminium 6063, T6
Seal Color[s]	Black, Grey, Beige, White and Brown
Waterproofing	Moisture barrier



Type	Joint Width A [mm]	Pan Width B [mm]	Total Width C [mm]	Visible Width D [mm]	Installation Height E [mm]	Thermal Movement [mm]	Seismic Movement [mm]	Load Capacity
UFSJ 100X	100	267	505	64	160	50 (±25)	175 (+100-75)	UPTO 2500
UFSJ 150X	150	317	555	64	160	50 (±25)	200 (+100-100)	UPTO 2500
UFSJ 200X	200	367	605	64	160	50 (±25)	250 (+100-150)	UPTO 2500
UFSJ 250X	250	417	655	64	160	50 (±25)	300 (+100-200)	UPTO 2500
UFSJ 300X	300	467	705	64	160	50 (±25)	350 (+100-250)	UPTO 2500
UFSJ 400X	400	567	805	64	160	50 (±25)	450 (+100-350)	UPTO 2500



UFSJ-XC

SEISMIC EXPANSION JOINT FLOOR TO WALL

100-400 mm Expansion Gap

Features

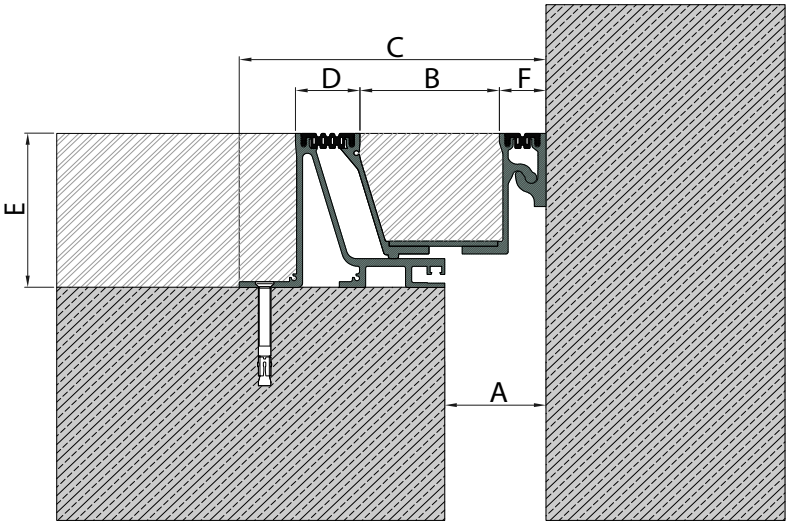
Surface	Aluminium Strips Rubber Seal Floor Finish
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System Options

Gap width[s]	100 - 400 mm
Height[s]	160 mm
Metal type[s]	Aluminium 6063, T6
Seal Color[s]	Black, Grey, Beige, White and Brown
Waterproofing	Moisture barrier



Type	Joint Width A [mm]	Pan Width B [mm]	Total Width C [mm]	Visible Width D [mm]	Installation Height E [mm]	Visible Width F [mm]	Thermal Movement [mm]	Seismic Movement [mm]	Load Capacity
UFSJ 100XC	100	138	303	64	160	46	40 (±20)	115 (+50-65)	UPTO 2500
UFSJ 150XC	150	188	353	64	160	46	40 (±20)	165 (+50-115)	UPTO 2500
UFSJ 200XC	200	238	403	64	160	46	40 (±20)	215 (+50-165)	UPTO 2500
UFSJ 250XC	250	288	453	64	160	46	40 (±20)	265 (+50-215)	UPTO 2500
UFSJ 300XC	300	338	503	64	160	46	40 (±20)	315 (+50-265)	UPTO 2500
UFSJ 400XC	400	438	603	64	160	46	40 (±20)	415 (+50-365)	UPTO 2500



SEISMIC EXPANSION JOINT

FLOOR TO FLOOR

25 - 75 mm Expansion Gap

Features

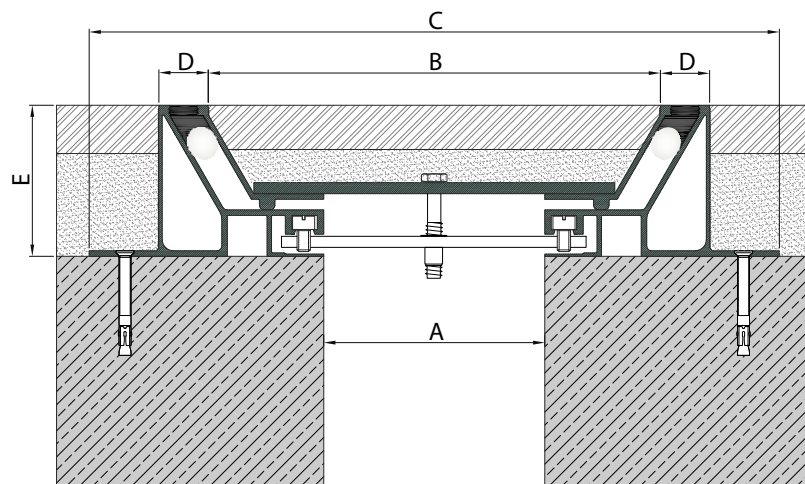
Surface	Aluminium Strips Sealant
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System Options

Gap width[s]	25 - 75 mm
Height[s]	68 mm
Metal type[s]	Aluminium 6063, T6
Seal Color[s]	Sealant Colors
Waterproofing	Moisture barrier



Type	Joint Width A [mm]	Pan Width B [mm]	Total Width C [mm]	Visible Width D [mm]	Installation Height E [mm]	Total Movement [mm]	Seismic Movement [mm]	Load Capacity 
NFSJ 25	25	130	238	22	68	35 (+20-15)	70 (+50-20)	Pedestrian
NFSJ 35	35	140	248	22	68	40 (+20-20)	80 (+50-30)	Pedestrian
NFSJ 50	50	155	263	22	68	40 (+20-20)	90 (+50-40)	Pedestrian
NFSJ 75	75	180	287	22	68	40 (+20-20)	120 (+50-70)	Pedestrian

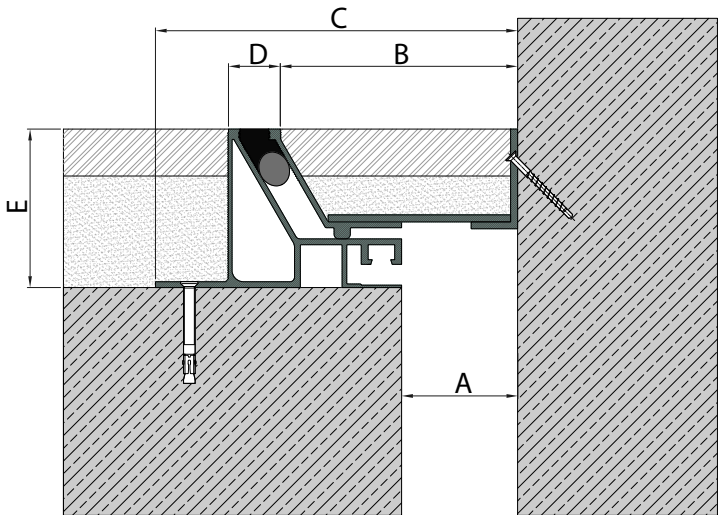


SEISMIC EXPANSION JOINT FLOOR TO WALL 25 - 75 mm Expansion Gap

Features	
Surface	Aluminium Strips Sealant
System Options	
Gap width[s]	25 - 75 mm
Height[s]	68 mm
Metal type[s]	Aluminium 6063, T6
Seal Color[s]	Sealant Colors
Waterproofing	Moisture barrier



Type	Joint Width	Pan Width	Total Width	Visible Width	Installation Height	Thermal Movement	Seismic Movement	Load Capacity
	A	B	C	D	E			
	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	
NFSJ 25C	25	77	132	22	68	20 (+10-10)	45 (+25-20)	Pedestrian
NFSJ 35C	35	87	142	22	68	20 (+10-10)	55 (+25-30)	Pedestrian
NFSJ 50C	50	102	157	22	68	20 (+10-10)	70 (+25-45)	Pedestrian
NFSJ 75C	75	128	182	22	68	20 (+10-10)	95 (+25-70)	Pedestrian



SEISMIC EXPANSION JOINT

FLOOR TO FLOOR

100 - 400 mm Expansion Gap

Features

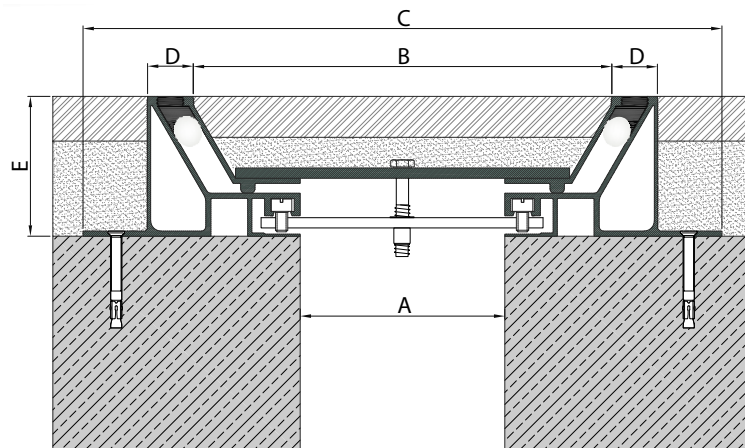
Surface	Aluminium Strips Sealant
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System Options

Gap width(s)	100 - 400 mm
Height(s)	68 mm
Metal type(s)	Aluminium 6063, T6
Seal Color(s)	Sealant Colors
Waterproofing	Moisture barrier



Type	Joint Width	Pan Width	Total Width	Visible Width	Installation Height	Thermal Movement	Seismic Movement	Load Capacity
	A	B	C	D	E			
	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	
NFSJ 100	100	205	313	22	68	40 (+20-20)	140 (+50-90)	Pedestrian
NFSJ 150	150	255	363	22	68	40 (+20-20)	190 (+50-140)	Pedestrian
NFSJ 200	200	305	413	22	68	40 (+20-20)	240 (+50-190)	Pedestrian
NFSJ 250	250	355	463	22	68	40 (+20-20)	290 (+50-240)	Pedestrian
NFSJ 300	300	405	513	22	68	40 (+20-20)	340 (+50-290)	Pedestrian
NFSJ 400	400	505	613	22	68	40 (+20-20)	440 (+50-390)	Pedestrian

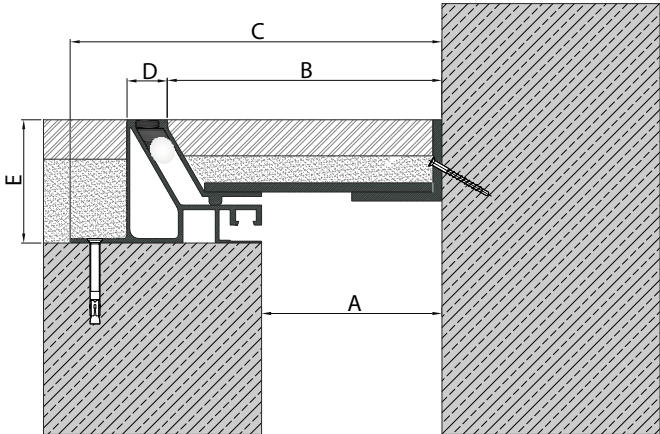


SEISMIC EXPANSION JOINT FLOOR TO WALL 100-400 mm Expansion Gap

Features	
Surface	Aluminium Strips Sealant
System Options	
Gap width[s]	100-400 mm
Height[s]	68 mm
Metal type[s]	Aluminium 6063, T6
Seal Color[s]	Sealant Colors
Waterproofing	Moisture barrier



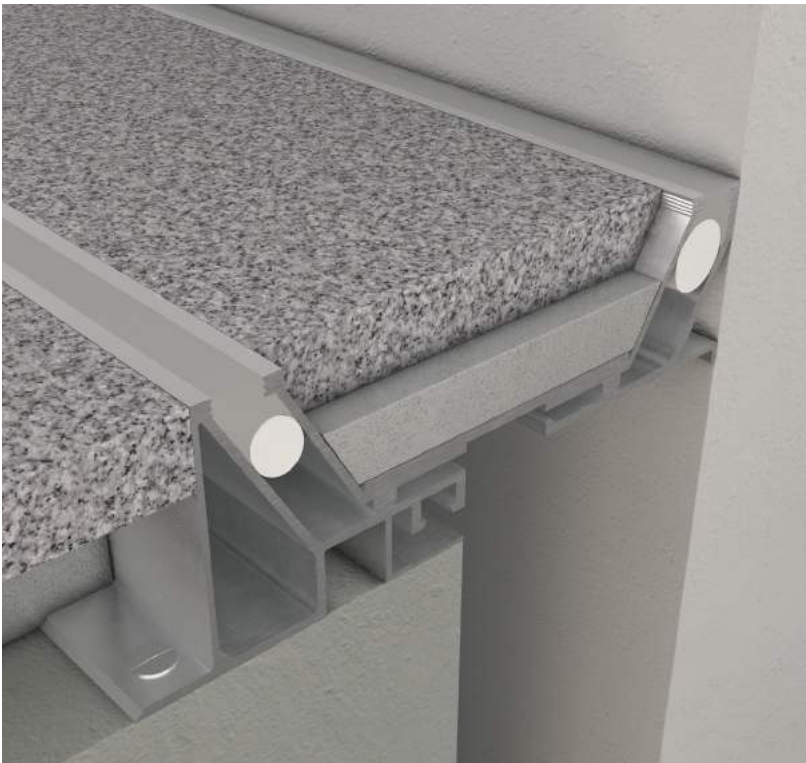
Type	Joint Width	Pan Width	Total Width	Visible Width	Installation Height	Thermal Movement	Seismic Movement	Load Capacity
	A	B	C	D	E			
	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	
NFSJ 100C	100	152	206	22	68	20 (+10-10)	115 (+25-95)	Pedestrian
NFSJ 150C	150	202	256	22	68	20 (+10-10)	165 (+25-140)	Pedestrian
NFSJ 200C	200	252	306	22	68	20 (+10-10)	215 (+25-190)	Pedestrian
NFSJ 250C	250	302	356	22	68	20 (+10-10)	265 (+25-240)	Pedestrian
NFSJ 300C	300	352	406	22	68	20 (+10-10)	315 (+25-290)	Pedestrian
NFSJ 400C	400	452	506	22	68	20 (+10-10)	415 (25-390)	Pedestrian



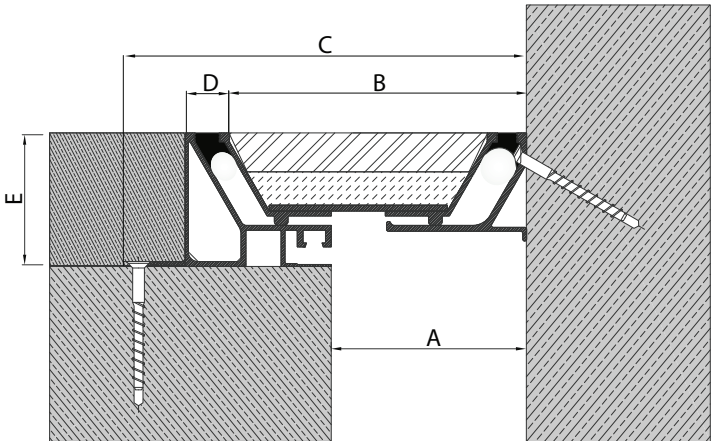
SEISMIC EXPANSION JOINT FLOOR TO WALL

100-400 mm Expansion Gap

Features	
Surface	Aluminium Strips Sealant
System Options	
Gap width[s]	100-400 mm
Height[s]	68 mm
Metal type[s]	Aluminium 6063, T6
Seal Color[s]	Sealant Colors
Waterproofing	Moisture barrier



Type	Joint Width	Pan Width	Total Width	Visible Width	Installation Height	Thermal Movement	Seismic Movement	Load Capacity
	A [mm]	B [mm]	C [mm]	D [mm]	E [mm]	[mm]	[mm]	
NFSJ 100CS	100	152	206	22	68	40 (+20-20)	90 (+50-40)	Pedestrian
NFSJ 150CS	150	202	256	22	68	40 (+20-20)	150 (+50-100)	Pedestrian
NFSJ 200CS	200	252	306	22	68	40 (+20-20)	200 (+50-150)	Pedestrian
NFSJ 250CS	250	302	356	22	68	40 (+20-20)	250 (+50-200)	Pedestrian
NFSJ 300CS	300	352	406	22	68	40 (+20-20)	300 (+50-250)	Pedestrian
NFSJ 400CS	400	452	506	22	68	40 (+20-20)	400 (+50-350)	Pedestrian



SEISMIC EXPANSION JOINT FLOOR TO FLOOR

100 - 300 mm Expansion Joint Width

Features

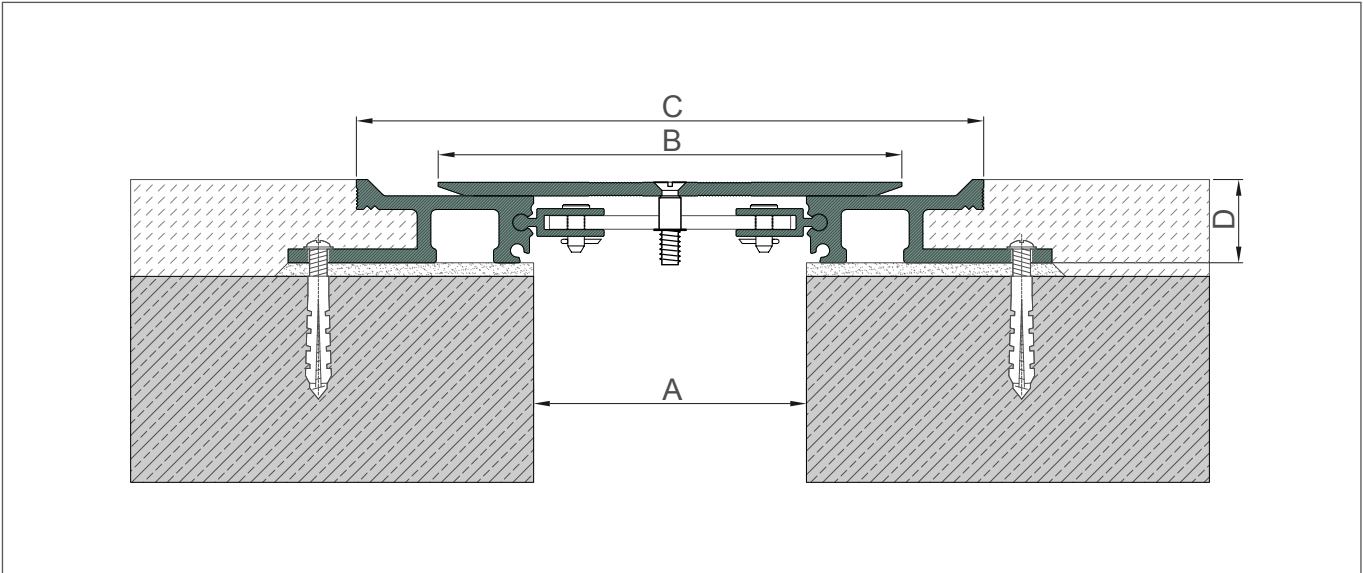
Surface	Solid Aluminium Brushed Finish
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System Options

Joint width(s)	100 - 300 mm
Height(s)	31 mm
Metal type(s)	Aluminium 6063, T6
Seal Color(s)	Free Seal
Waterproofing	Moisture barrier



Type	Joint Width	Center Plate Width	Visible Width	Installation Height	Thermal Movement	Seismic Movement	Load Capacity
	A [mm]	B [mm]	C [mm]	D [mm]	[mm]	[mm]	
UBSJ 100	100	230	280	31	60 (±30)	120 (+50-70)	Vehicle
UBSJ 150	150	280	330	31	60 (±30)	170 (+50-120)	Vehicle
UBSJ 200	200	330	380	31	60 (±30)	220 (+50-170)	Vehicle
UBSJ 250	250	380	430	31	60 (±30)	270 (+50-220)	Vehicle
UBSJ 300	300	430	480	31	60 (±30)	320 (+50-270)	Vehicle



UBSJ-C

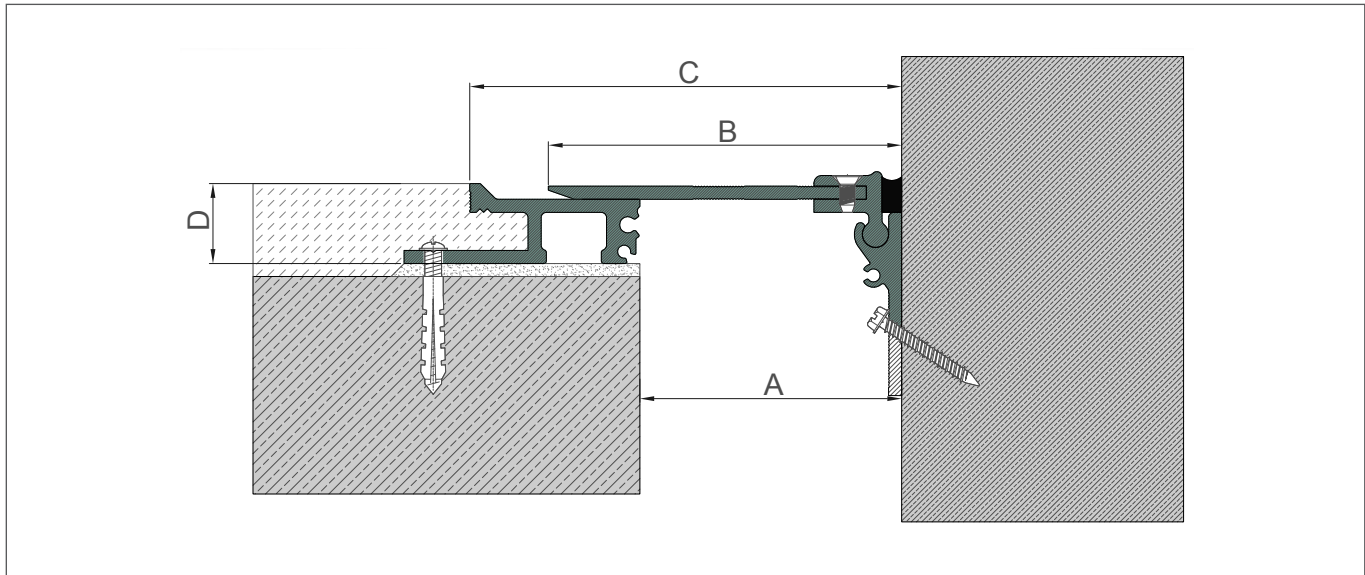
SEISMIC EXPANSION JOINT FLOOR TO WALL

100 - 300 mm Expansion Joint Width

Features	
Surface	Solid Aluminium Brushed Finish
System Options	
Joint width(s)	100 - 300 mm
Height(s)	31 mm
Metal type(s)	Aluminium 6063, T6
Seal Color(s)	Free Seal
Waterproofing	Moisture barrier



Type	Joint Width A [mm]	Centre Plate Width B [mm]	Visible Width C [mm]	Installation Height D [mm]	Thermal Movement E [mm]	Seismic Movement [mm]	Load Capacity 
UBSJ 100C	100	165	190	31	50 (±25)	110 (+25/-85)	Vehicle
UBSJ 150C	150	215	240	31	50 (±25)	125 (+25/-100)	Vehicle
UBSJ 200C	200	265	290	31	50 (±25)	175 (+25/-150)	Vehicle
UBSJ 250C	250	315	340	31	50 (±25)	225 (+25/-200)	Vehicle
UBSJ 300C	300	365	390	31	50 (±25)	275 (+25/-250)	Vehicle



EXPANSION JOINT

FLOOR TO FLOOR

150 - 200 mm Expansion Joint Width

Features

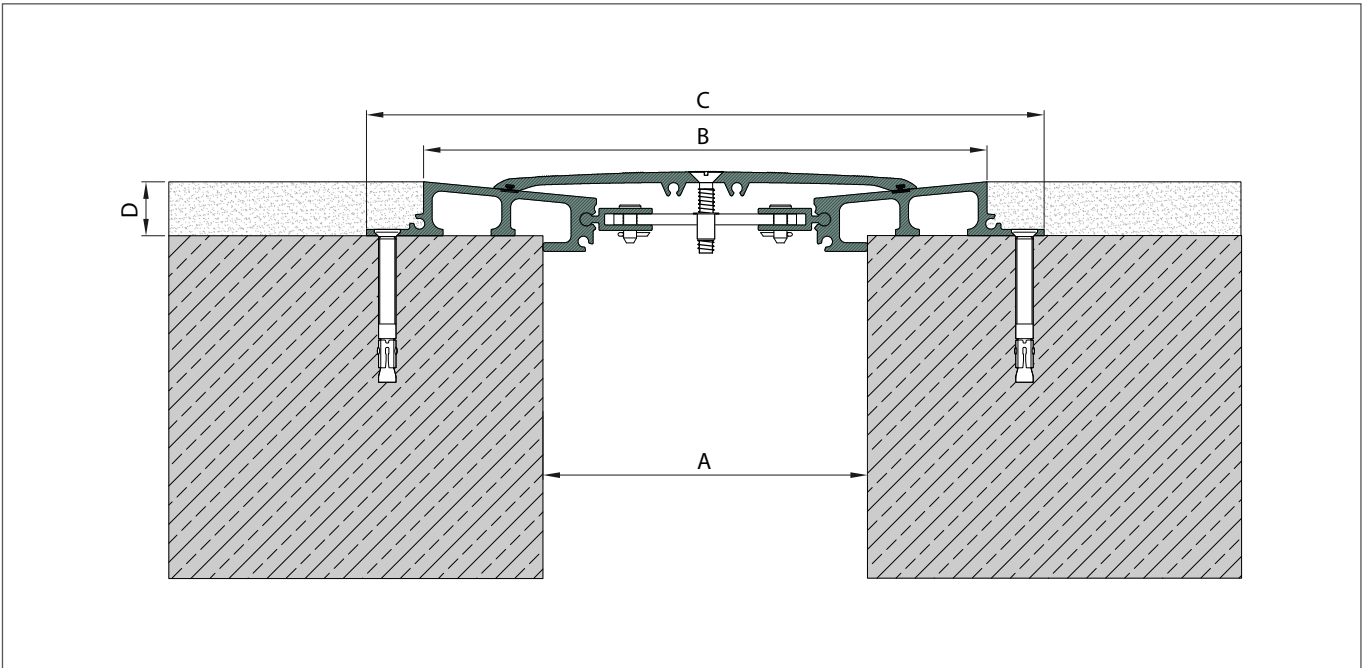
Surface	Solid Aluminium Brushed Finish
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System Options

Joint width(s)	100 - 300 mm
Height(s)	25 mm
Metal type(s)	Aluminium 6063, T6
Seal Color(s)	Free Seal
Waterproofing	Moisture barrier



Type	Joint Width A [mm]	Visible Width B [mm]	Installation Width C [mm]	Installation Height D [mm]	Thermal Movement [mm]	Seismic Movement [mm]	Load Capacity 
NPS 150	150	261	313	25	100 (±50)	150 (±75)	Private Cars
NPS 200	200	311	363	25	150 (±75)	180 (±90)	Private Cars



NPS-C

EXPANSION JOINT

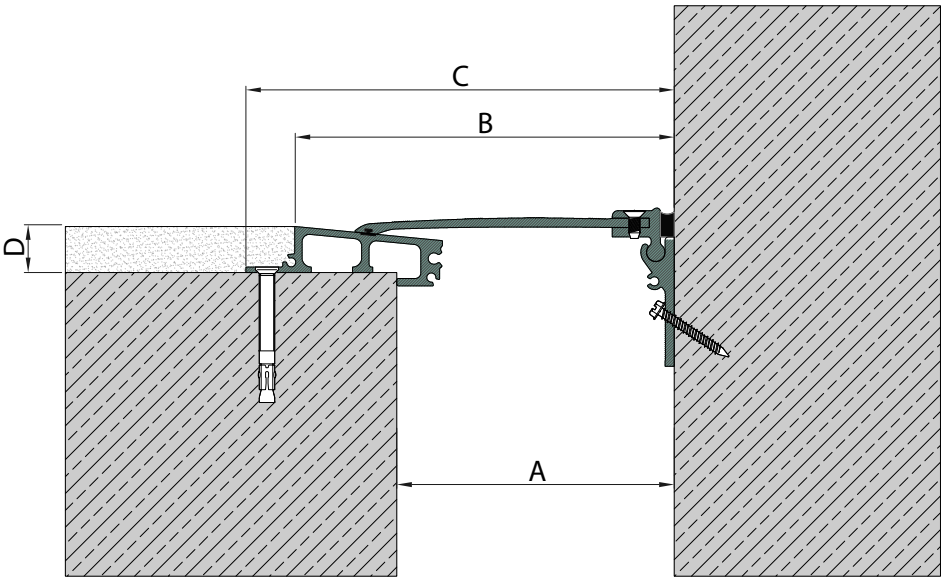
FLOOR TO WALL

150 - 200 mm Expansion Joint Width

Features	
Surface	Solid Aluminium Brushed Finish
System Options	
Joint width(s)	150 - 200 mm
Height(s)	25 mm
Metal type(s)	Aluminium 6063, T6
Seal Color(s)	Black
Waterproofing	Moisture barrier



Type	Joint Width A [mm]	Visible Width B [mm]	Installation Width C [mm]	Installation Height D [mm]	Thermal Movement [mm]	Seismic Movement [mm]	Load Capacity 
NPS 150C	150	205	232	25	90(+40-50)	135 (+45-90)	Private Cars
NPS 200C	200	255	282	25	90(+40-50)	135 (+45-90)	Private Cars



NPS 100

EXPANSION JOINT

FLOOR TO FLOOR

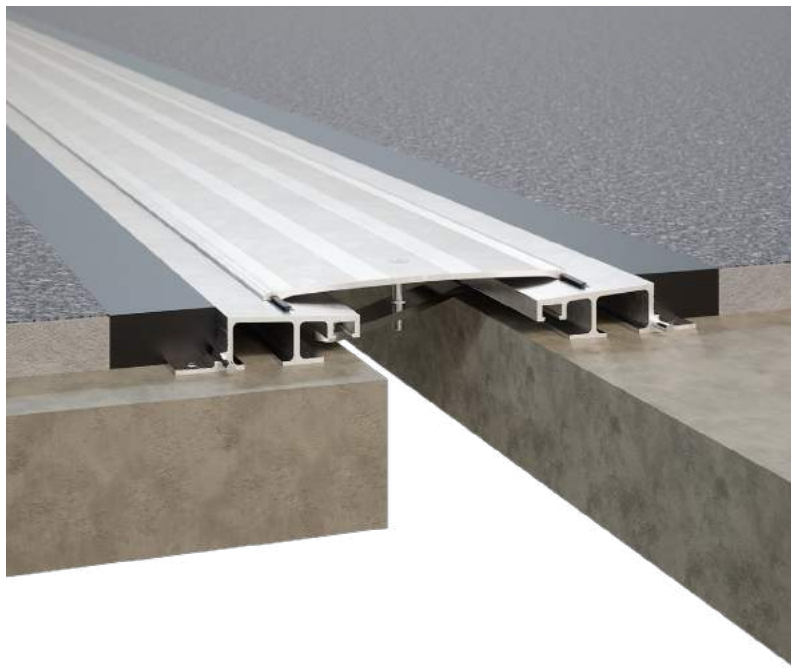
50 -100 mm Expansion Joint Width

Features

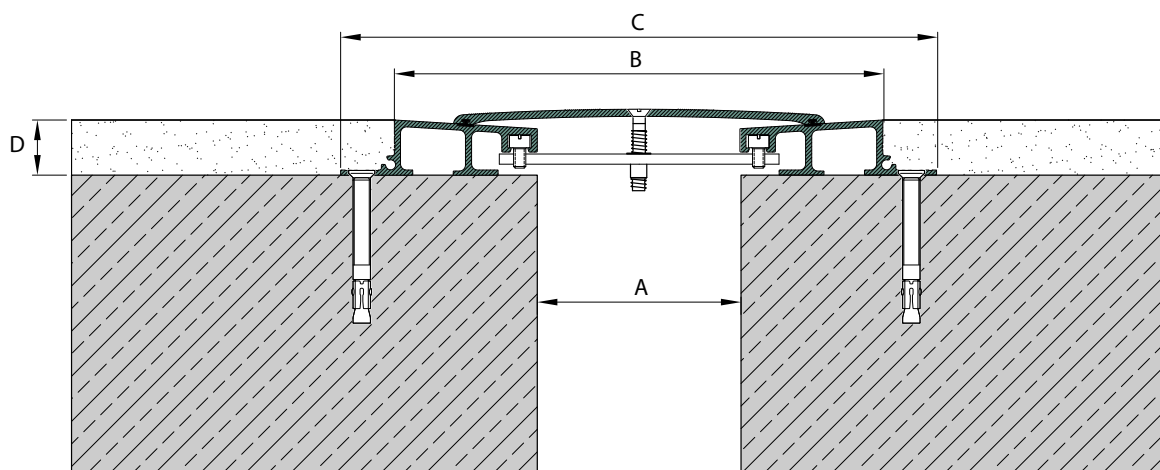
Surface	Solid Aluminium Brushed Finish
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System Options

Gap width(s)	50 - 100 mm
Height(s)	27 mm
Metal type(s)	Aluminium 6063, T6
Seal Color(s)	Black
Waterproofing	Moisture barrier



Type	Joint Width A [mm]	Visible Width B [mm]	Installation Width C [mm]	Installation Height D [mm]	Thermal Movement [mm]	Seismic Movement [mm]	Load Capacity 
NPS 50	50	190	243	27	40 (±20)	60 (±30)	Private Cars
NPS 75	75	215	268	27	60 (±30)	80 (±40)	Private Cars
NPS 100	100	240	293	27	80 (±40)	100 (±50)	Private Cars



NPS 100C

EXPANSION JOINT

FLOOR TO WALL

50 -100 mm Expansion Joint Width

Features

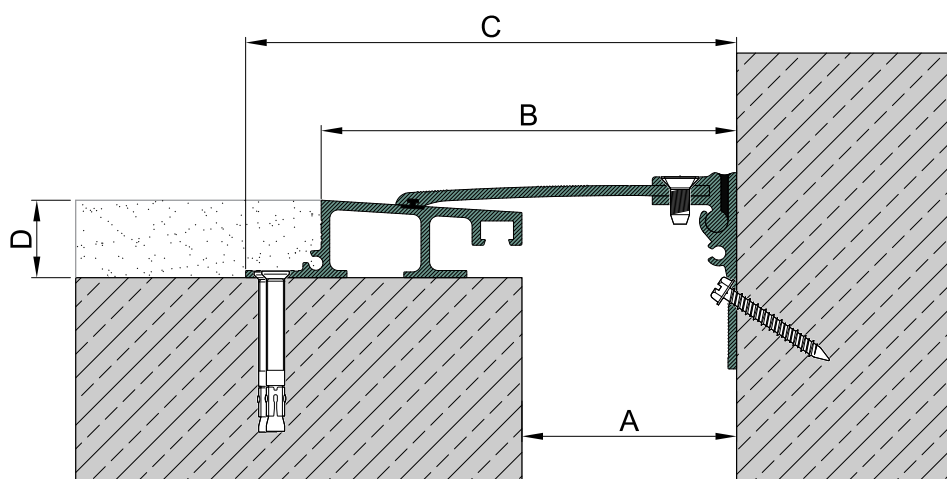
Surface	Solid Aluminium Brushed Finish
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System Options

Gap width(s)	50 - 100 mm
Height(s)	27 mm
Metal type(s)	Aluminium 6063, T6
Seal Color(s)	Black
Waterproofing	Moisture barrier



Type	Joint Width A [mm]	Visible Width B [mm]	Installation Width C [mm]	Installation Height D [mm]	Thermal Movement [mm]	Seismic Movement [mm]	Load Capacity 
NPS 50C	50	120	146	27	55 (+30-25)	70 (+40-30)	Private Cars
NPS 75C	75	145	171	27	60 (+30-30)	90 (+40-50)	Private Cars
NPS 100C	100	170	196	27	80 (+30-50)	120 (40-80)	Private Cars



EXPANSION JOINT

FLOOR TO FLOOR

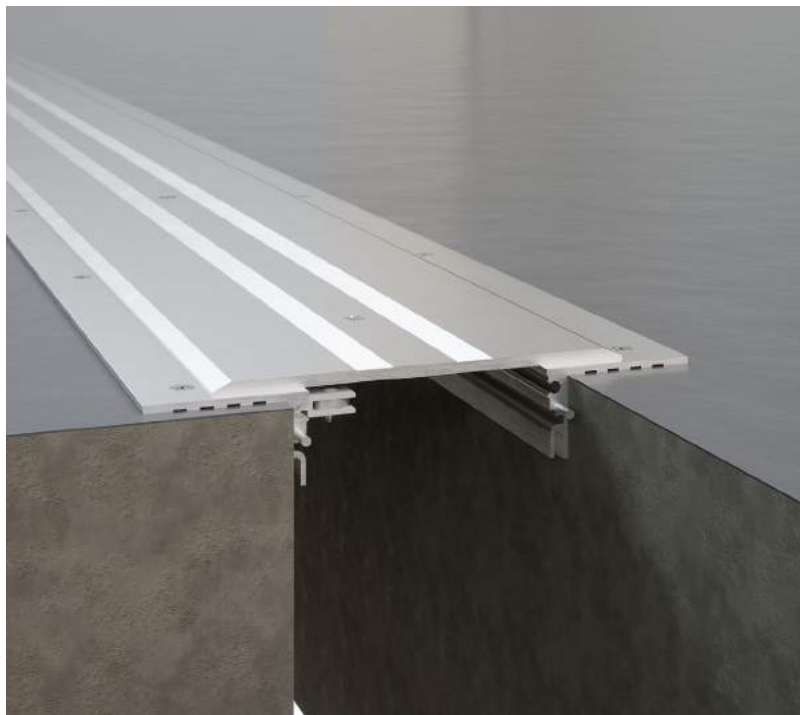
100 - 300 mm Expansion Joint Width

Features

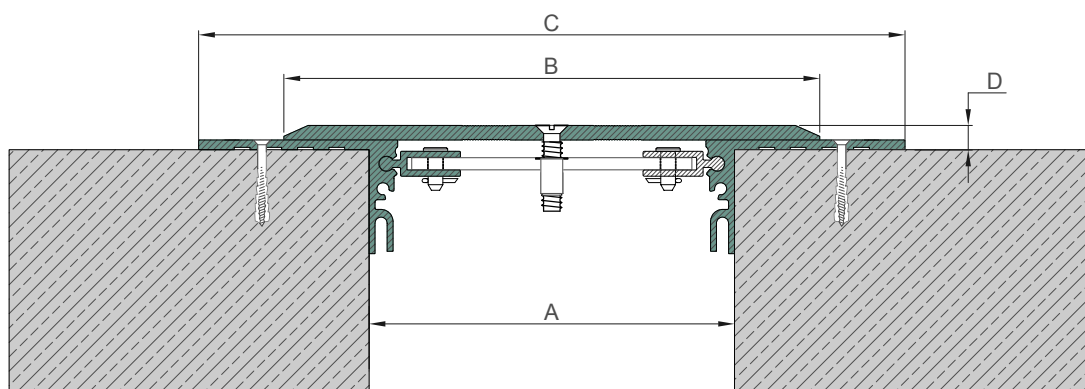
Surface	Solid Aluminium Brushed Finish
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System Options

Joint width(s)	100 - 300 mm
Height(s)	9 - 12 mm
Metal type(s)	Aluminium 6063, T6
Waterproofing	Moisture barrier



Type	Joint Width A [mm]	Centre Plate Width B [mm]	Total Visible Width C [mm]	Installation Height D [mm]	Thermal Movement [mm]	Seismic Movement [mm]	Load Capacity 
UPSJ 100	100	170	240	9	120(+70-50)	150 (+100-50)	Vehicle
UPSJ 150	150	220	290	10	120(+70-50)	200 (+100-100)	Vehicle
UPSJ 200	200	270	340	12	120(+70-50)	250 (+100-150)	Vehicle
UPSJ 250	250	320	390	12	120(+70-50)	300 (+100-200)	Vehicle
UPSJ 300	300	350	440	12	120(+70-50)	350 (+100-250)	Vehicle



UPSJ-C

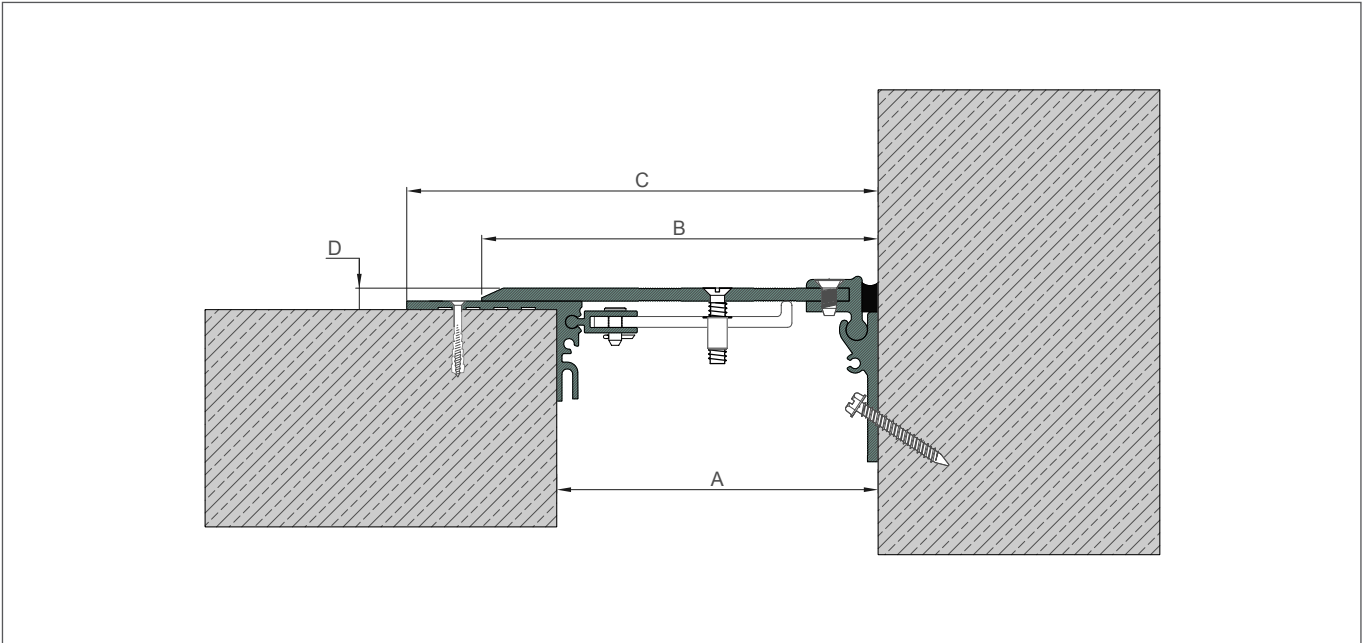
SEISMIC EXPANSION JOINT FLOOR TO WALL

100-300 mm Expansion Joint Width

Features	
Surface	Solid Aluminium Brushed Finish
System Options	
Joint width(s)	100 - 300 mm
Height(s)	9 - 12 mm
Metal type(s)	Aluminium 6063, T6
Waterproofing	Moisture barrier



Type	Joint Width A [mm]	Centre Plate Width B [mm]	Total Visible Width C [mm]	Installation Height D [mm]	Thermal Movement [mm]	Seismic Movement [mm]	Load Capacity 
UPSJ 100C	100	135	170	9	90(+40-50)	150 (+100-50)	Vehicle
UPSJ 150C	150	185	220	10	90(+40-50)	200 (+100-100)	Vehicle
UPSJ 200C	200	235	270	12	90(+40-50)	250 (+100-150)	Vehicle
UPSJ 250C	250	285	320	12	90(+40-50)	300 (+100-200)	Vehicle
UPSJ 300C	300	335	370	12	90(+40-50)	350 (+100-250)	Vehicle



NAC-60

EXPANSION JOINT

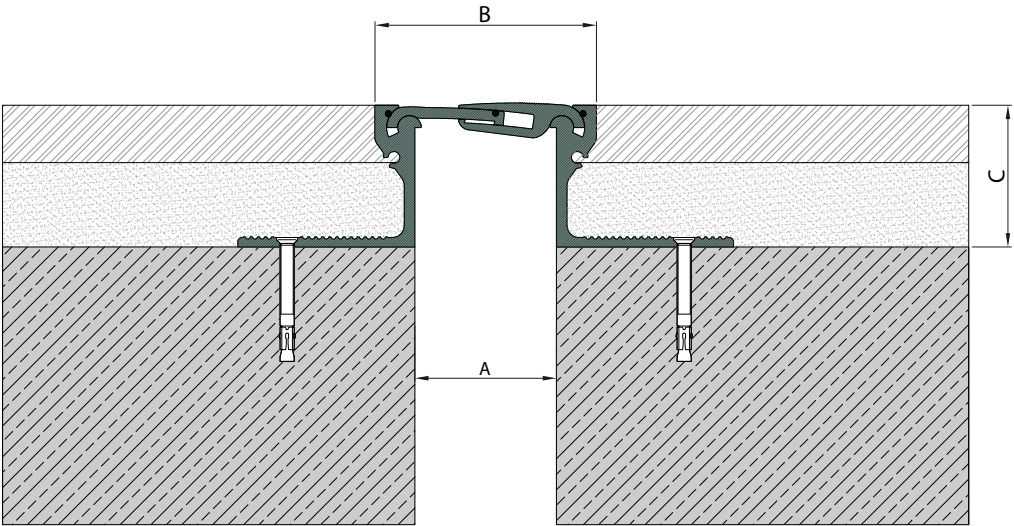
FLOOR TO FLOOR

UPTO 60 mm Expansion Joint Width

Features	
Surface	Solid Aluminum
System Options	
Gap width(s)	UPTO 60 mm
Height(s)	60 mm
Metal type(s)	Aluminium 6063, T6
Seal Color(s)	Free Seal
Waterproofing	Moisture barrier



Type	Joint Width	Visible Width	Installation Height	Total Movement	Load Capacity
	A [mm] UPTO	B [mm]	C [mm]	[mm]	
NAC 60	60	94	60	25(±12.5)	Private Cars



NAC-60C

EXPANSION JOINT

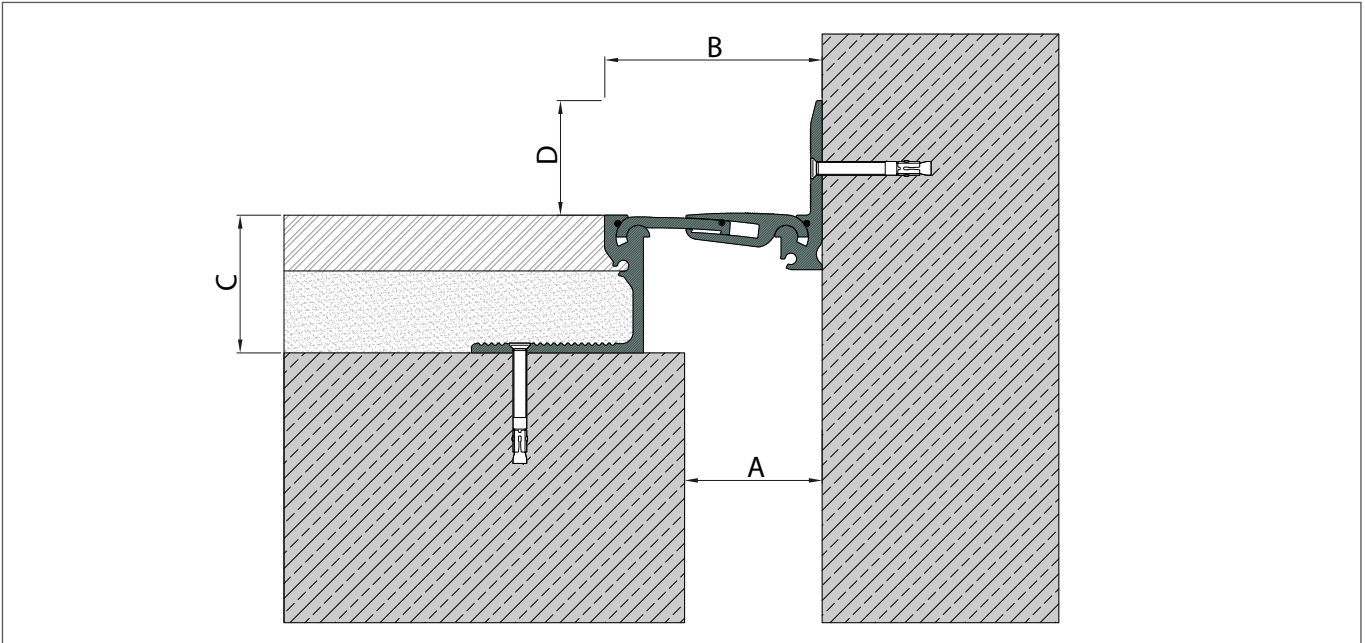
FLOOR TO WALL

UPTO 60 mm Expansion Joint Width

Features	
Surface	Solid Aluminum
System Options	
Gap width(s)	UPTO 60 mm
Height(s)	60 mm
Metal type(s)	Aluminium 6063, T6
Seal Color(s)	Free Seal
Waterproofing	Moisture barrier



Type	Joint Width	Visible Width	Installation Height	Visible Height	Total Movement	Load Capacity
	A [mm]	B [mm]	C [mm]	D [mm]		
NAC 60C	60	95	60	50	25(±12.5)	Vehicle



EXPANSION JOINT

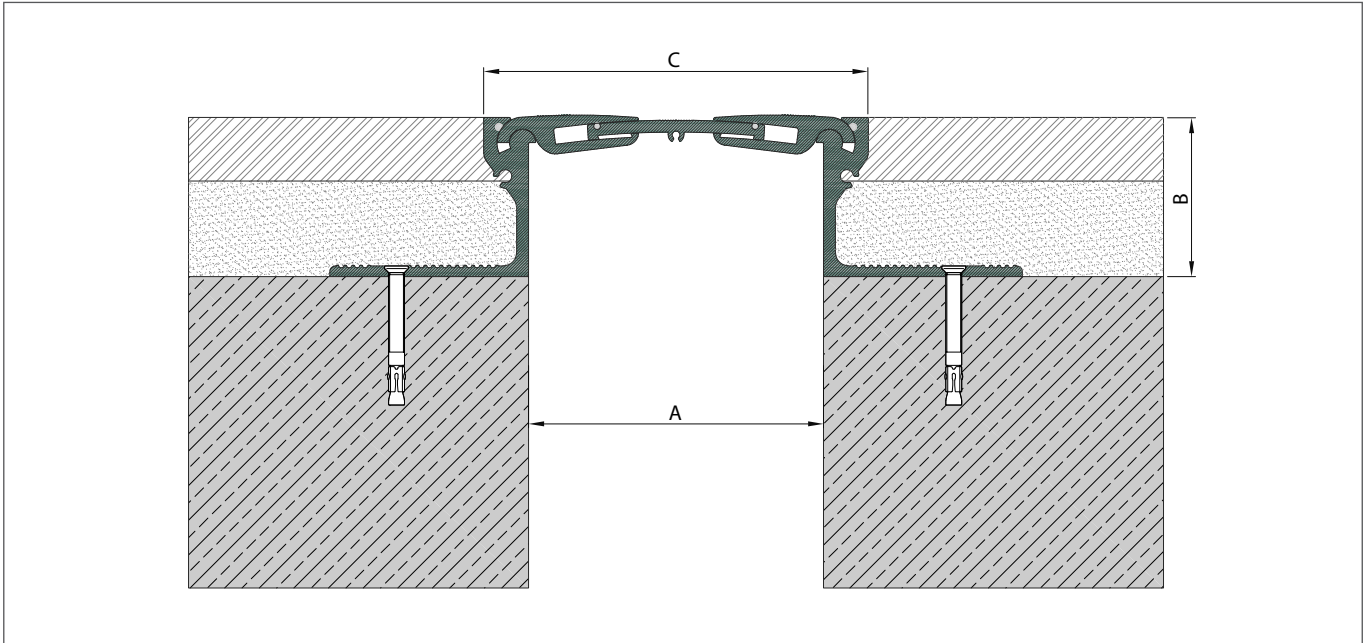
FLOOR TO FLOOR

100 - 150 mm Expansion Gap

Features	
Surface	Solid Aluminum
System Options	
Gap width(s)	100 - 150 mm
Height(s)	60 mm
Metal type(s)	Aluminium 6063, T6
Seal Color(s)	Free Seal
Waterproofing	Moisture barrier



Type	Joint Width	Visible Width	Installation Height	Total Movement	Load Capacity
	A max [mm] UPTO	B [mm]	C [mm]		
NAC 110	110	145	60	50 (+25-25)	Private Cars
NAC 150	150	184	60	50 (+25-25)	Private Cars



NAC-C

EXPANSION JOINT

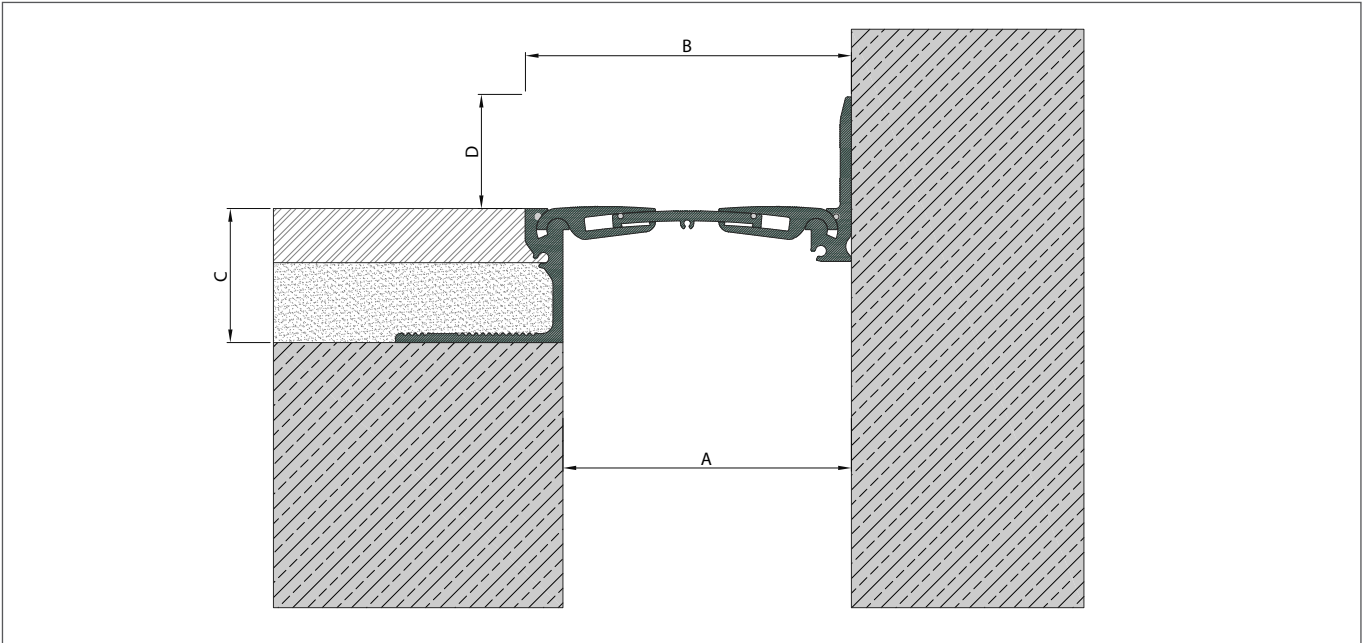
FLOOR TO WALL

100 - 150 mm Expansion Joint Width

Features	
Surface	Solid Aluminum
System Options	
Gap width(s)	100 - 150 mm
Height(s)	60 mm
Metal type(s)	Aluminium 6063, T6
Seal Color(s)	Free Seal
Waterproofing	Moisture barrier



Type	Joint Width	Visible Width	Installation Height	Visible Height	Total Movement	Load Capacity
	A max [mm] UPTO	B [mm]	C [mm]	D [mm]		
NAC 110C	128	141	60	50	50(±25)	Vehicle
NAC 150C	167	180	60	50	50(±25)	Vehicle



EXPANSION JOINT

FLOOR TO FLOOR

100 mm Expansion Joint Width

Features

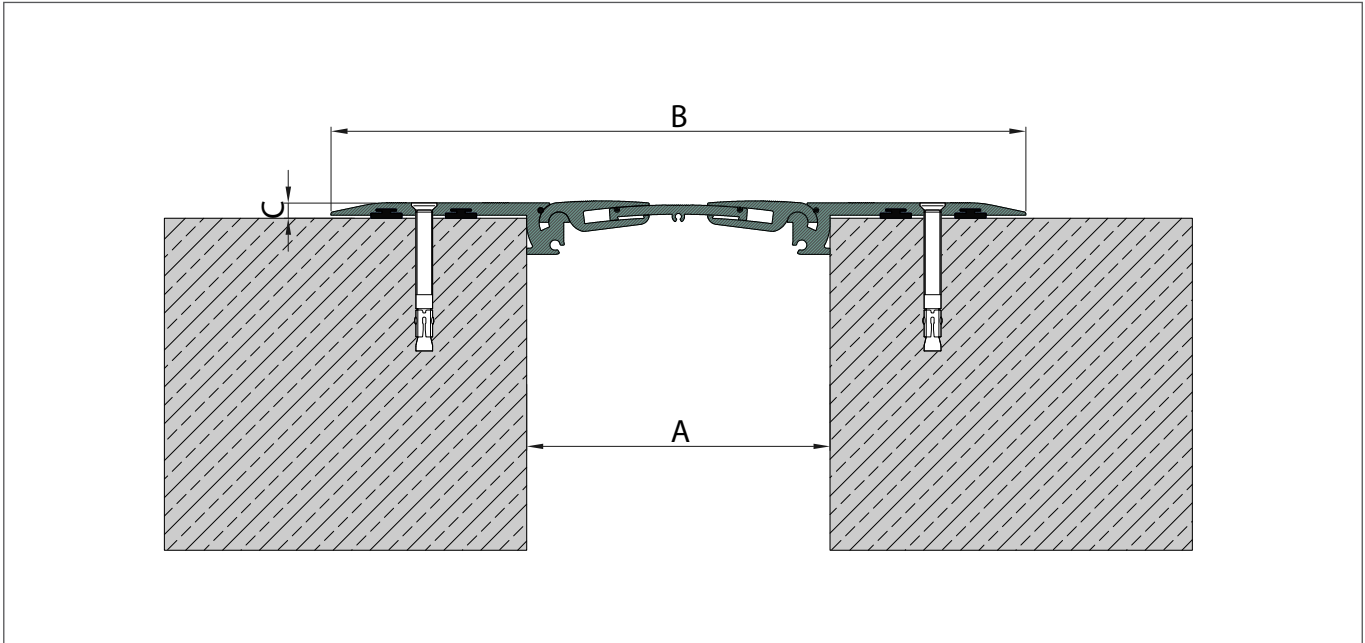
Surface	Solid Aluminium Brushed Finish
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System Options

Gap width(s)	UPTO 60 mm
Height(s)	6 mm
Metal type(s)	Aluminium 6063, T6
Seal Color(s)	Black
Waterproofing	Moisture barrier



Type	Joint Width A [mm]	Visible Width B [mm]	Installation Height C [mm]	Total Movement [mm]	Load Capacity 
NAF 100	100	286	6	25 (+12.5-12.5)	Private Cars



NAF-C

EXPANSION JOINT

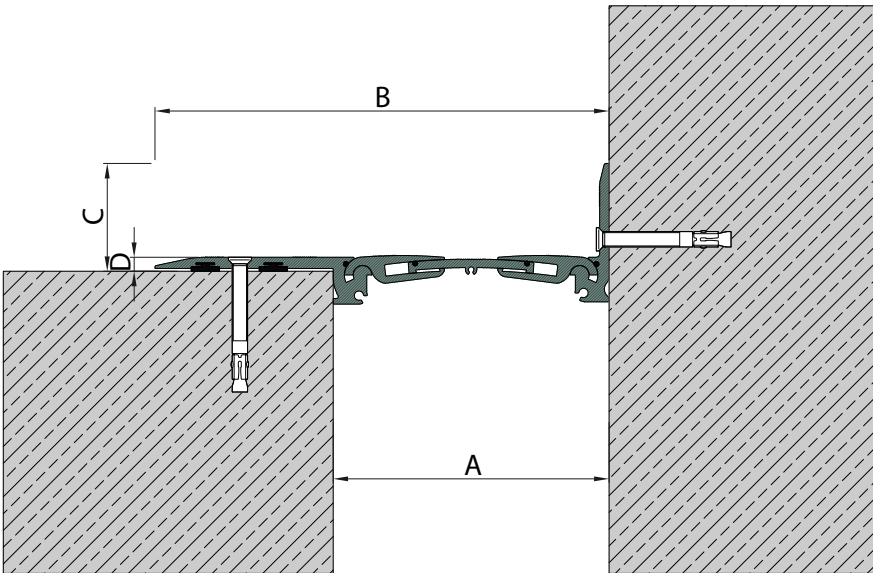
FLOOR TO WALL

100 mm Expansion Joint Width

Features	
Surface	Solid Aluminium Brushed Finish
System Options	
Gap width(s)	UPTO 100 mm
Height(s)	6 mm
Metal type(s)	Aluminium 6063, T6
Seal Color(s)	Black
Waterproofing	Moisture barrier



Type	Joint Width	Visible Width	Visible Height	Installation Height	Total Movement	Load Capacity
	A [mm]	B [mm]	C [mm]	D [mm]	[mm]	
NAF 100C	100	191	56	6	25 (+12.5-12.5)	Private Cars



EXPANSION JOINT

FLOOR TO FLOOR

150 - 200 mm Expansion Joint Width

Features

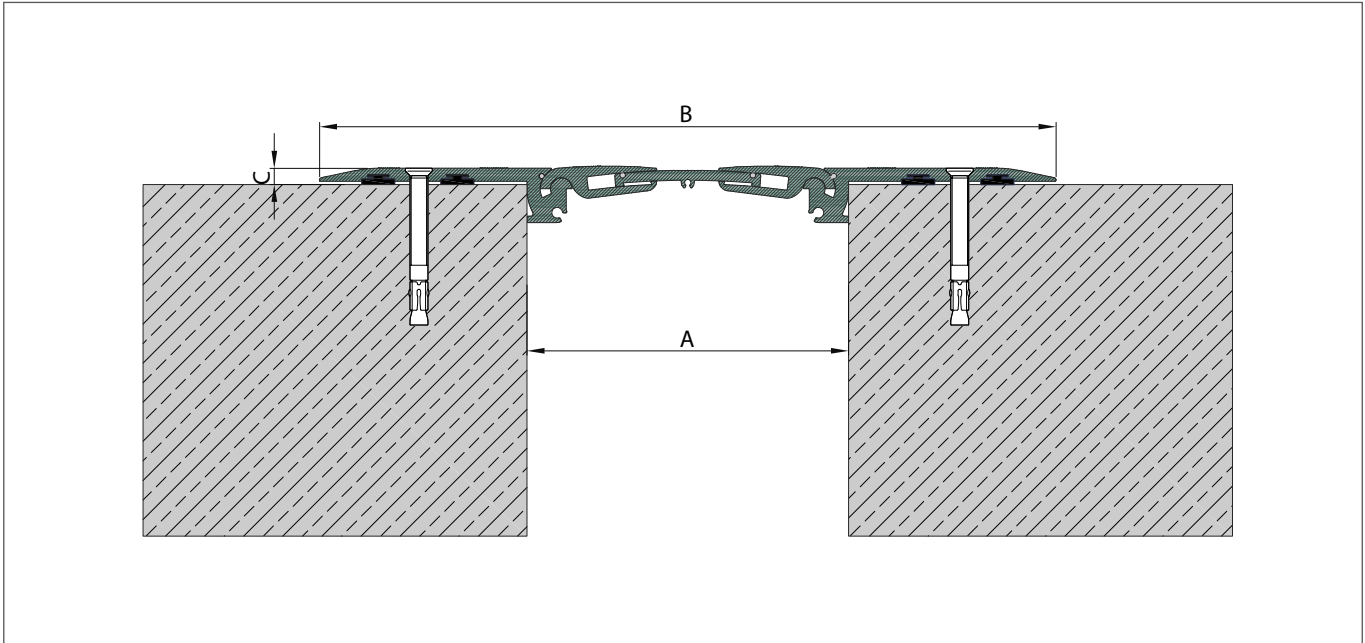
Surface	Solid Aluminium Brushed Finish
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System Options

Gap width(s)	150 - 200 mm
Height(s)	6 mm
Metal type(s)	Aluminium 6063, T6
Seal Color(s)	Black
Waterproofing	Moisture barrier



Type	Joint Width A [mm]	Visible Width B [mm]	Installation Height D [mm]	Total Movement [mm]	Load Capacity 
NAF 150	147	337	6	50 (+25-25)	Vehicle
NAF 200	186	376	6	50 (+25-25)	Vehicle



NAF-C

EXPANSION JOINT

FLOOR TO WALL

150 -200 mm Expansion Joint Width

Features

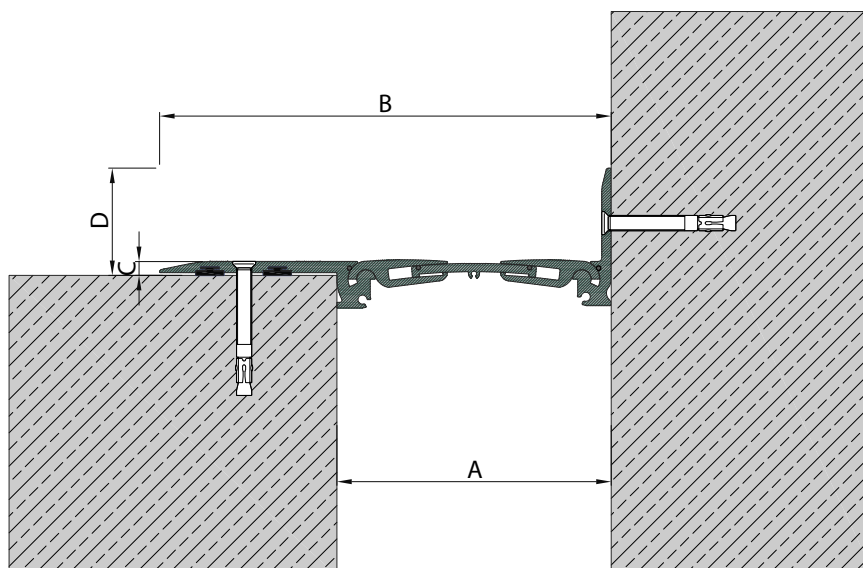
Surface	Solid Aluminium Brushed Finish
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System Options

Gap width(s)	150 - 200 mm
Height(s)	6 mm
Metal type(s)	Aluminium 6063, T6
Seal Color(s)	Free Seal
Waterproofing	Moisture barrier



Type	Joint Width A [mm]	Visible Width B [mm]	Installation Height C [mm]	Visible Height D [mm]	Total Movement [mm]	Load Capacity 
NAF 150C	147	242	6	6	50 (+25-25)	Vehicle
NAF 200C	186	281	6	6	50 (+25-25)	Vehicle

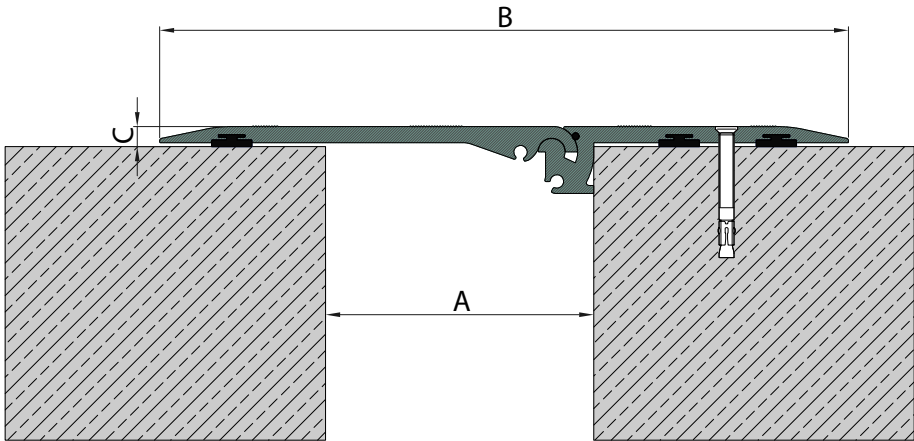


EXPANSION JOINT
FLOOR TO FLOOR
50-200 mm Expansion Gap

Features	
Surface	Solid Aluminum
System Options	
Joint width(s)	50 - 200 mm
Height(s)	6 - 7 mm
Metal type(s)	Aluminium 6063, T6
Seal Color(s)	Black
Waterproofing	Moisture barrier



Type	Joint Width A [mm]	Visible Width B [mm]	Installation Height C [mm]	Total Movement [mm]	Load Capacity 
NFF 50	50	205	6	50 [+25-25]	Private Cars
NFF 100	100	257	6	77 [+27-50]	Private Cars
NFF 150	150	317	7	137 [+37-100]	Private Cars
NFF 200	200	380	7	200 [+50-150]	Private Cars



EXPANSION JOINT

FLOOR TO WALL

50-200 mm Expansion Gap

Features

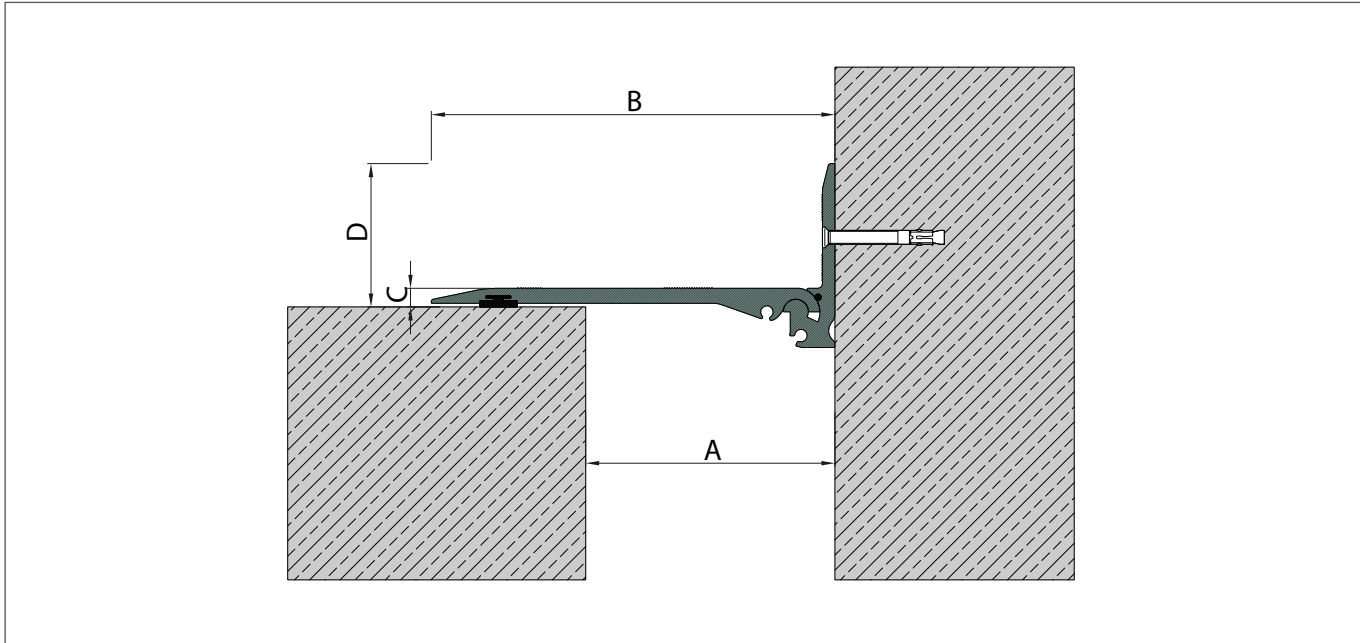
Surface	Solid Aluminum
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System Options

Joint width(s)	50 - 200 mm
Height(s)	6 - 7 mm
Metal type(s)	Aluminium 6063, T6
Seal Color(s)	Black
Waterproofing	Moisture barrier



Type	Joint Width A [mm]	Visible Width B [mm]	Total Height C [mm]	Installation Height D [mm]	Total Movement [mm]	Load Capacity 
NFF 50C	50	110	6	57	50 (+25-25)	Private Cars
NFF 100C	100	162	6	57	77 (+27-50)	Private Cars
NFF 150C	150	222	7	57	137 (+37-100)	Private Cars
NFF 200C	200	285	7	57	200 (+50-150)	Private Cars



EXPANSION JOINT

WALL TO WALL

35 - 75 mm Expansion Gap

Features

Surface Solid Aluminium

System Options

Gap width(s) 35 - 75 mm

Height(s) 17 mm

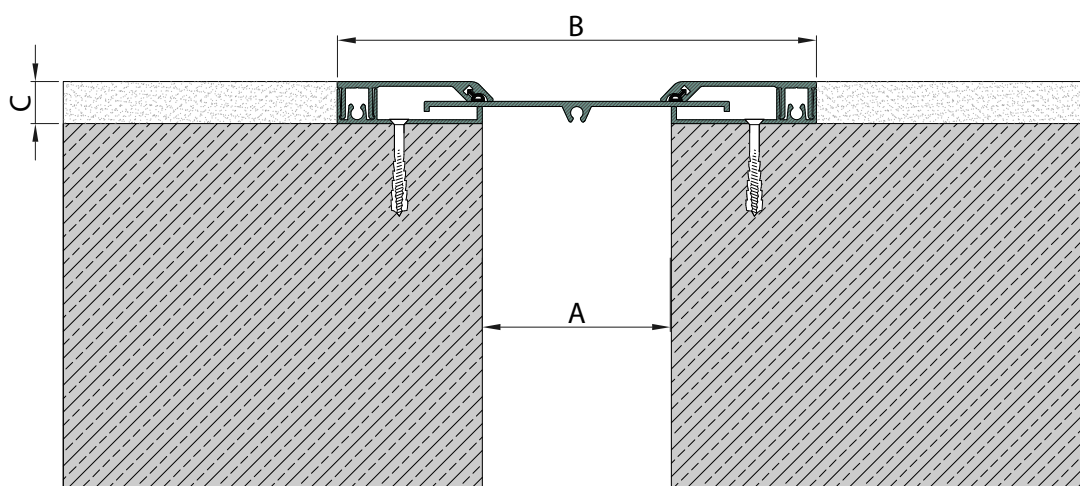
Metal type(s) Aluminium 6063, T6

Seal Color(s) Free Seal

Waterproofing Moisture barrier



Type	Joint Width A [mm]	Visible Width B [mm]	Installation Height C [mm]	Total Movement [mm]
NZW 35	35	150	17	70 (+40-30)
NZW 50	50	165	17	85 (+40-45)
NZW 75	75	190	17	85 (+40-45)



NZW-C

EXPANSION JOINT

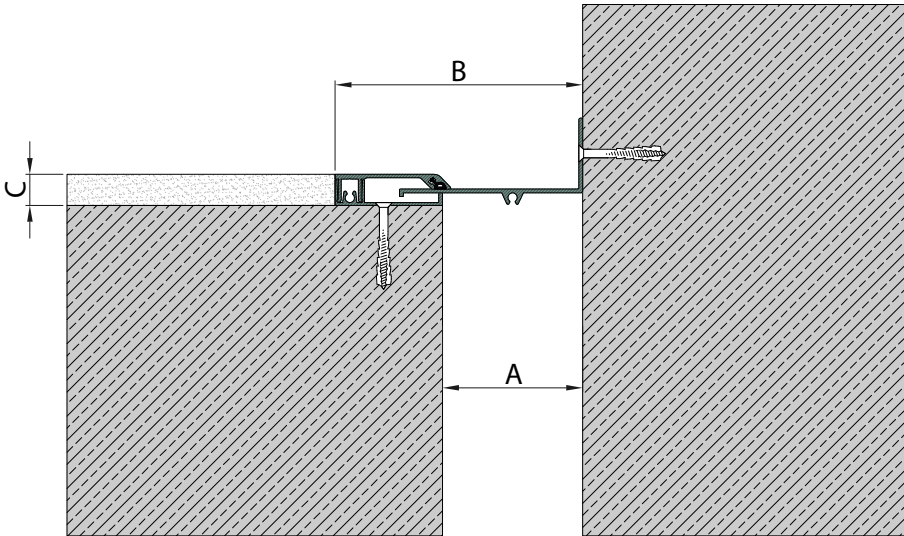
WALL TO CORNER

35 - 75 mm Expansion Gap

Features	
Surface	Solid Aluminium
System Options	
Gap width(s)	35 - 75 mm
Height(s)	17 mm
Metal type(s)	Aluminium 6063, T6
Seal Color(s)	Free Seal
Waterproofing	Moisture barrier



Type	Joint Width A [mm]	Visible Width B [mm]	Installation Height C [mm]	Total Movement [mm]
NZW 35C	35	92	17	40 (+20-20)
NZW 50C	50	107	17	40 (+20-20)
NZW 75C	75	132	17	40 (+20-20)



EXPANSION JOINT

WALL TO WALL

100 - 250 mm Expansion Gap

Features

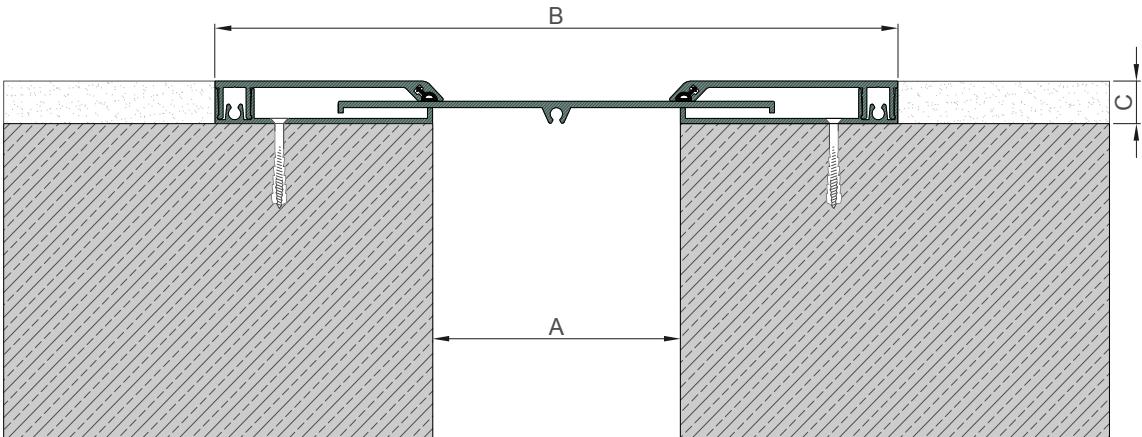
Surface	Solid Aluminium Brushed Finish
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System Options

Gap width(s)	100 - 250 mm
Height(s)	17 mm
Metal type(s)	Aluminium 6063, T6
Waterproofing	Moisture barrier



Type	Joint Width A [mm]	Visible Width B [mm]	Installation Height C [mm]	Total Movement [mm]
UWFJ 100	100	275	17	140 (±70)
UWFJ 150	150	325	17	140 (±70)
UWFJ 200	200	375	17	140 (±70)
UWFJ 250	250	425	17	140 (±70)



UWFJ-C

EXPANSION JOINT

WALL TO CORNER

100 - 250 mm Expansion Gap

Features

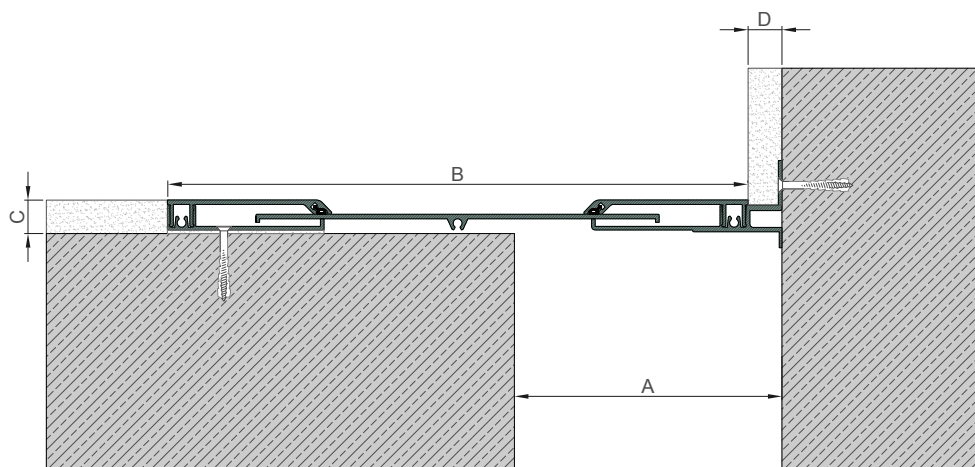
Surface	Solid Aluminium Brushed Finish
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System Options

Gap width[s]	100 - 250 mm
Height[s]	17 mm
Metal type[s]	Aluminium 6063, T6
Waterproofing	Moisture barrier



Type	Joint Width A [mm]	Visible Width B [mm]	Installation Height C [mm]	Finishing Height D [mm]	Total Movement [mm]
UWFJ 100C	100	275	17	17	140 (±70)
UWFJ 150C	150	325	17	17	140 (±70)
UWFJ 200C	200	375	17	17	140 (±70)
UWFJ 250C	250	425	17	17	140 (±70)



EXPANSION JOINT

WALL TO WALL

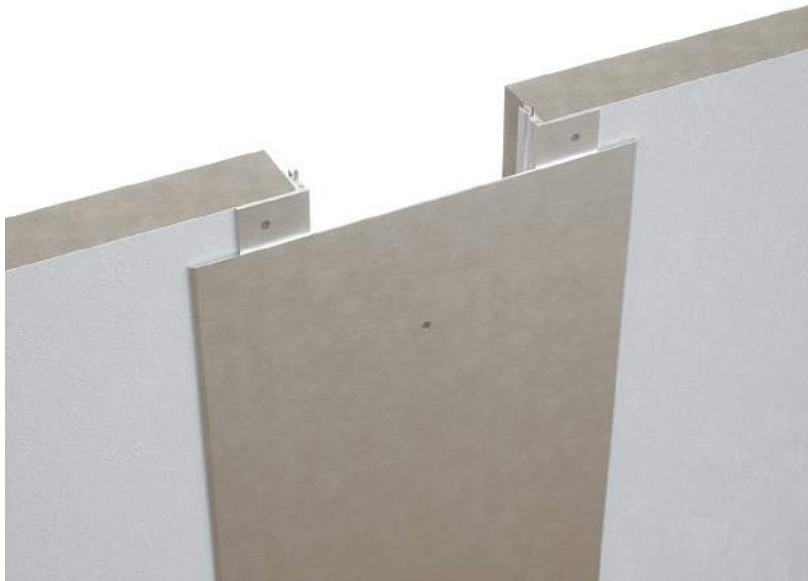
100 - 400 mm Expansion Joint Width

Features

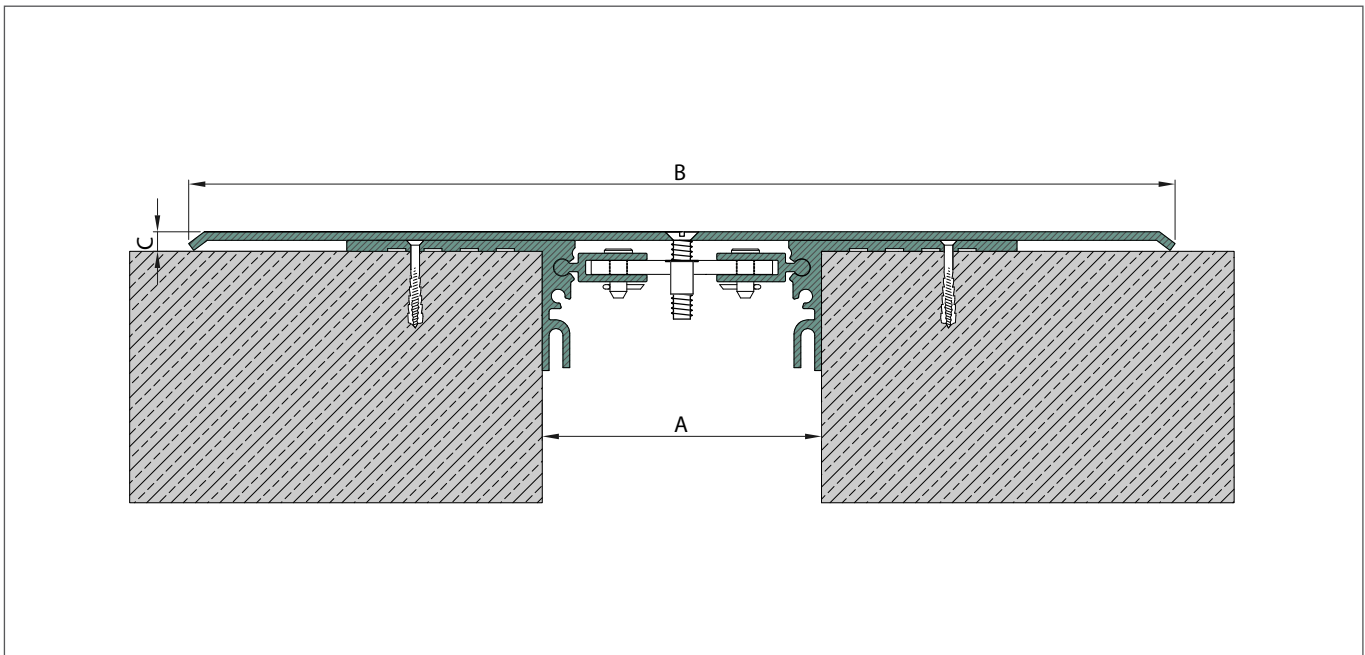
Surface	Solid Aluminium Brushed Finish Powder Coating
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System Options

Joint width[s]	100 - 400 mm
Height[s]	7 mm
Metal type[s]	Aluminium 6063, T6
Seal Color[s]	Free Seal
Waterproofing	Moisture barrier



Type	Joint Width A [mm]	Visible Width B [mm]	Installation Height C [mm]	Total Movement [mm]
UWAC 100	100	354	7	150(+100-50)
UWAC 150	150	404	7	200(+100-100)
UWAC 200	200	454	7	250(+100-150)
UWAC 250	250	504	7	300(+100-200)
UWAC 300	300	553	7	350(+100-250)
UWAC 400	400	654	7	450(+100-350)



UWAC-C

EXPANSION JOINT

WALL TO CORNER

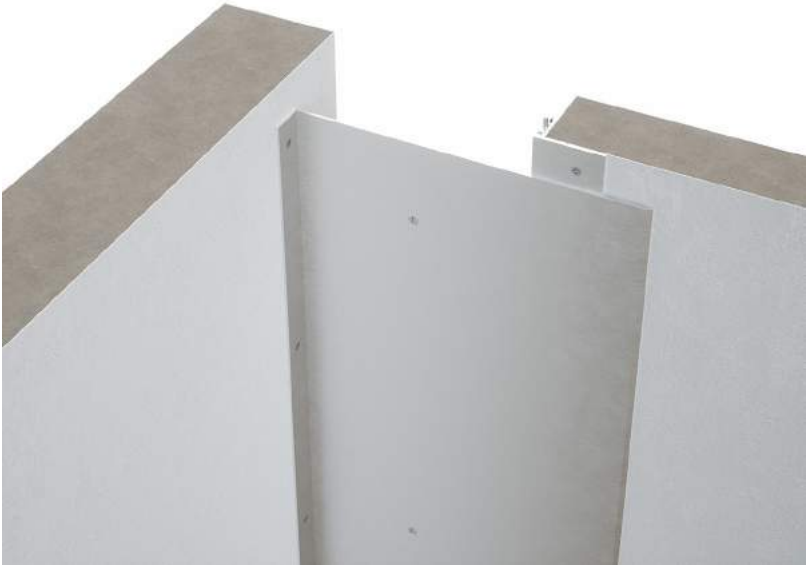
100 - 400 mm Expansion Joint Width

Features

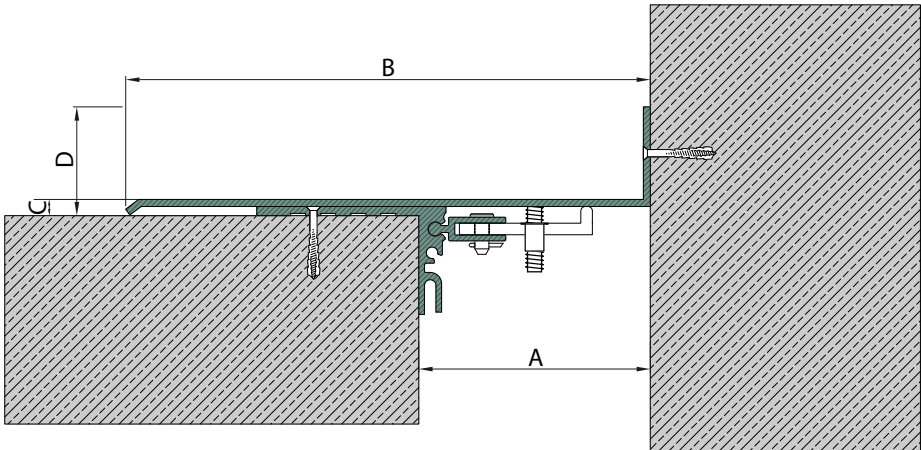
Surface	Solid Aluminium Brushed Finish Powder Coating
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System Options

Joint width(s)	100 - 400 mm
Height(s)	7 mm
Metal type(s)	Aluminium 6063, T6
Seal Color(s)	Free Seal
Waterproofing	Moisture barrier



Type	Joint Width A [mm]	Visible Width B [mm]	Installation Height C [mm]	Visible Height D [mm]	Total Movement [mm]
UWAC 100C	100	226	7	50	100(+50-50)
UWAC 150C	150	276	7	50	150(+50-100)
UWAC 200C	200	326	7	50	200(+50-150)
UWAC 250C	250	376	7	50	250(+50-200)
UWAC 300C	300	426	7	50	300(+50-250)
UWAC 400C	400	526	7	50	400(+50-350)



UWAC-S

EXPANSION JOINT

WALL TO WALL

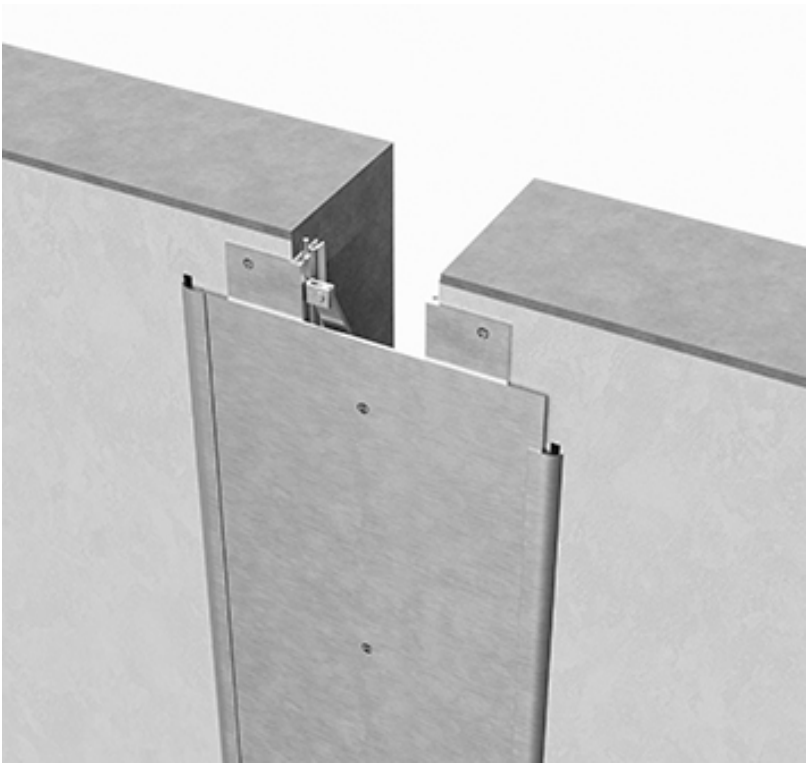
100 - 400 mm Expansion Joint Width

Features

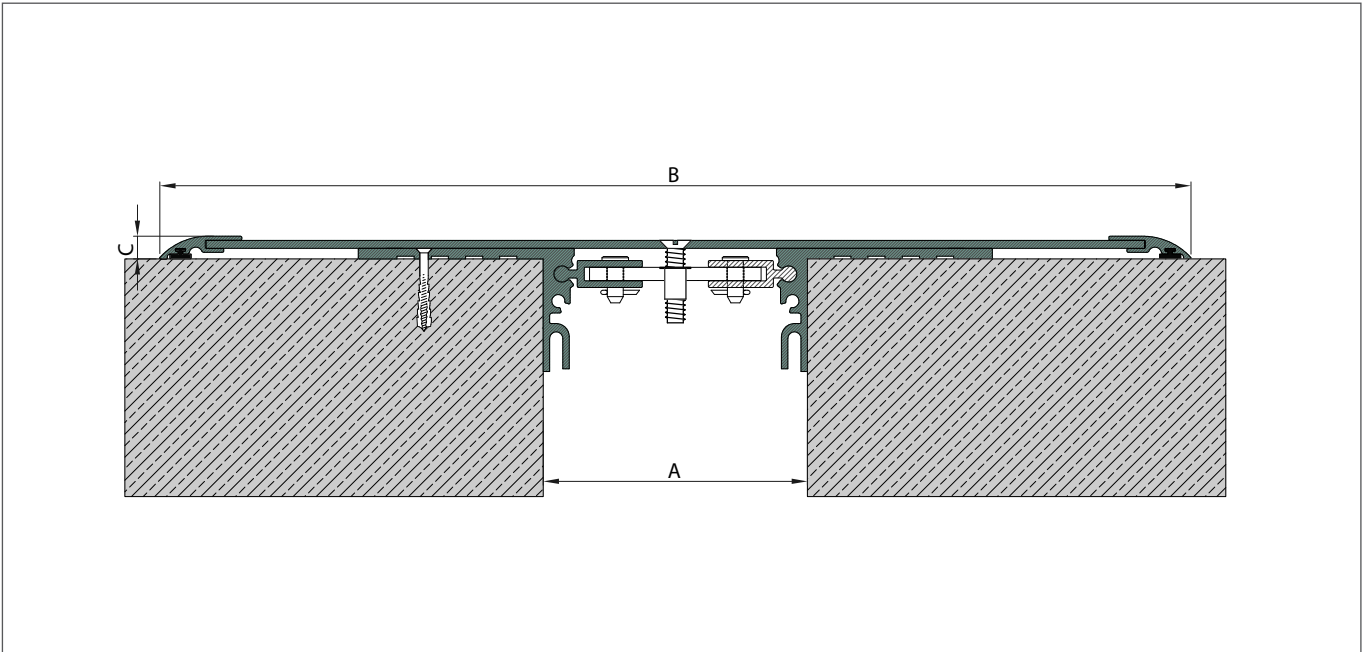
Surface	Solid Aluminium Brushed Finish Powder Coating
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System Options

Gap width(s)	100 - 400 mm
Height(s)	8.5 mm
Metal type(s)	Aluminium 6063, T6
Seal Color(s)	Black
Waterproofing	Moisture barrier



Type	Joint Width A [mm]	Visible Width B [mm]	Installation Height C [mm]	Total Movement [mm]
UWAC 100S	100	390	8.5	150(+100-50)
UWAC 150S	150	440	8.5	200(+100-100)
UWAC 200S	200	490	8.5	250(+100-150)
UWAC 250S	250	540	8.5	300(+100-200)
UWAC 300S	300	590	8.5	350(+100-250)
UWAC 400S	400	690	8.5	450(+100-350)



UWAC-C S

EXPANSION JOINT

WALL TO CORNER

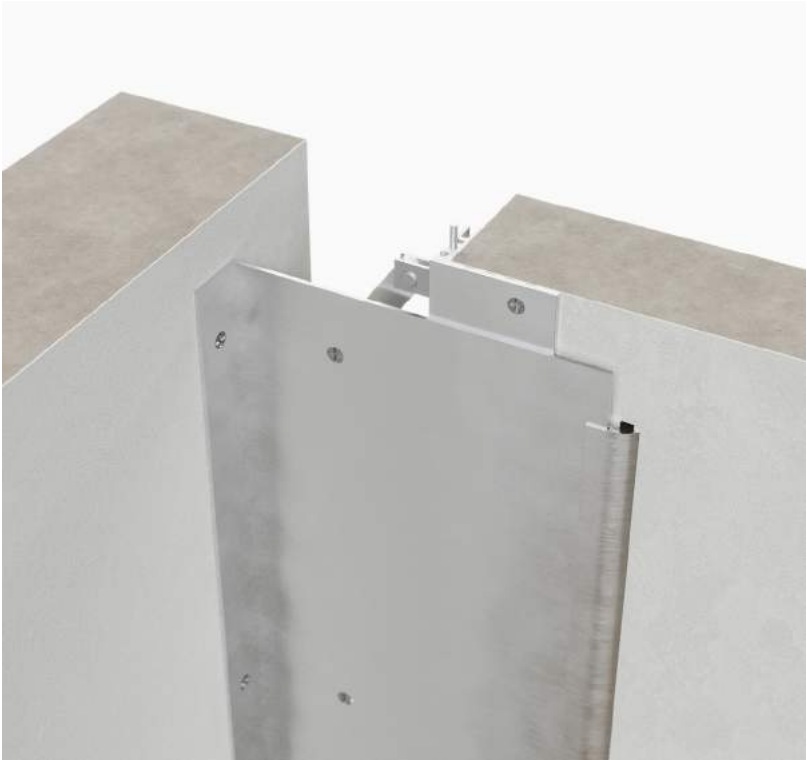
100 - 400 mm Expansion Joint Width

Features

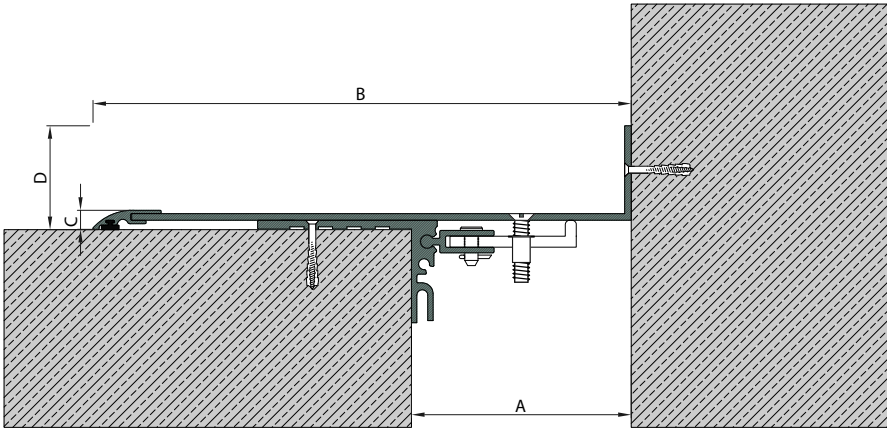
Surface	Solid Aluminium Brushed Finish Powder Coating
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System Options

Gap width(s)	100 - 400 mm
Height(s)	8.5 mm
Metal type(s)	Aluminium 6063, T6
Seal Color(s)	Black
Waterproofing	Moisture barrier



Type	Joint Width A [mm]	Visible Width B [mm]	Installation Height C [mm]	Visible Height D [mm]	Total Movement [mm]
UWAC 100C S	100	245	8.5	47	100(+50-50)
UWAC 150C S	150	295	8.5	47	150(+50-100)
UWAC 200C S	200	345	8.5	47	200(+50-150)
UWAC 250C S	250	395	8.5	47	250(+50-200)
UWAC 300C S	300	445	8.5	47	300(+50-250)
UWAC 400C S	400	545	8.5	47	400(+50-350)



EXPANSION JOINT

WALL TO WALL

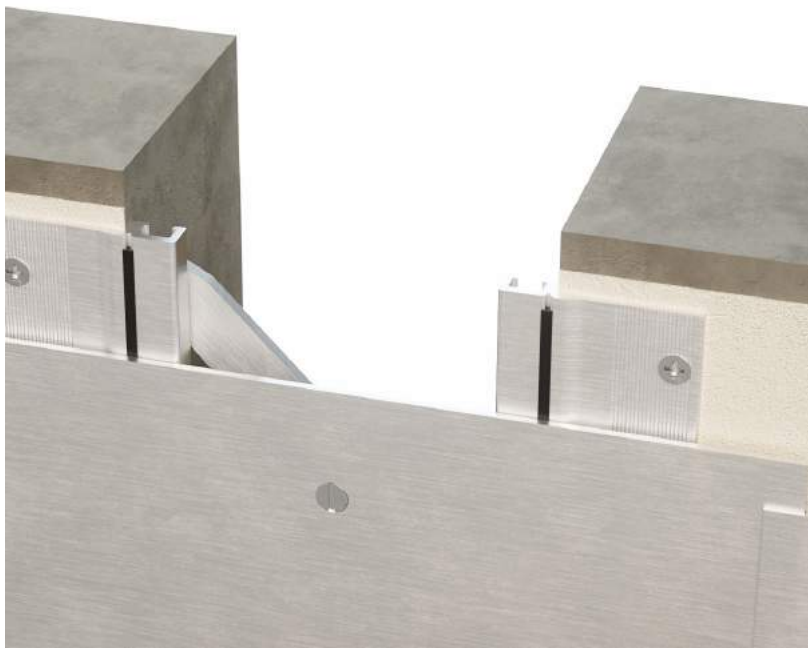
100 - 400 mm Expansion Joint Width

Features

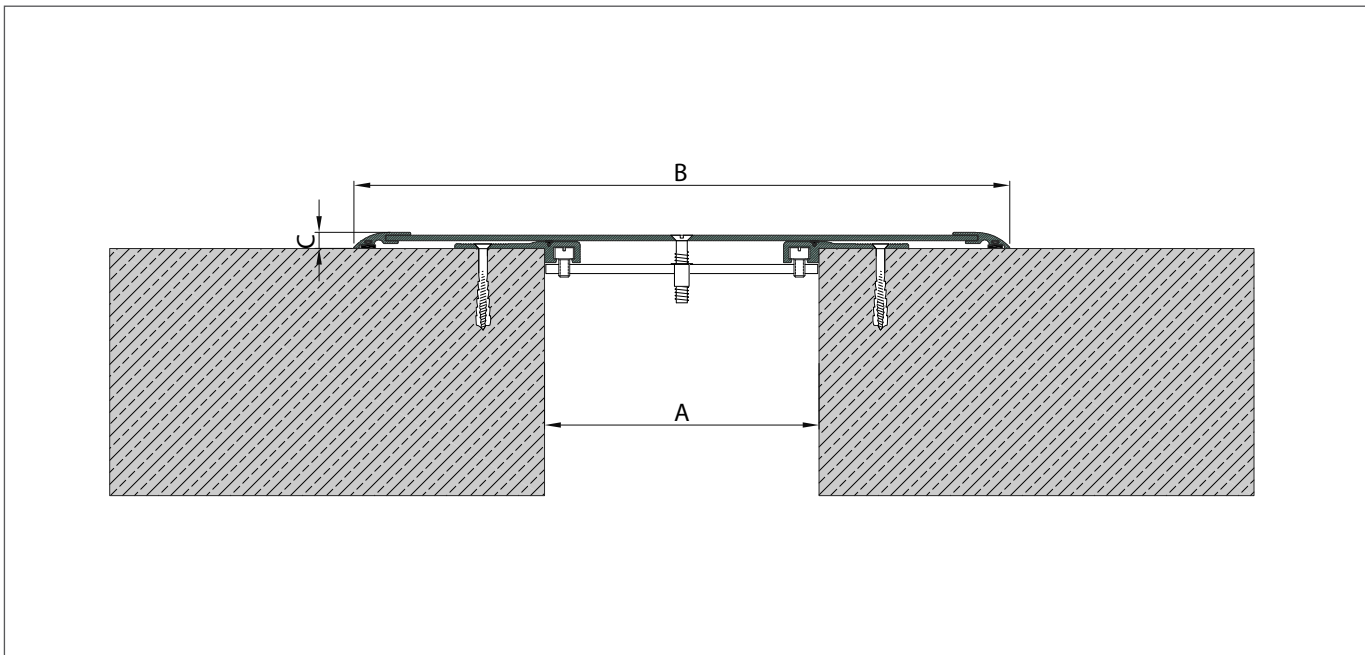
Surface	Solid Aluminium Brushed Finish Powder Coating
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System Options

Joint width[s]	100 - 400 mm
Height[s]	9 mm
Metal type[s]	Aluminium 6063, T6
Seal Color[s]	Free Seal
Waterproofing	Moisture barrier



Type	Joint Width A [mm]	Visible Width B [mm]	Installation Height C [mm]	Total Movement [mm]
NWSS 100	100	308	9	150(+100-50)
NWSS 150	150	358	9	200(+100-100)
NWSS 200	200	408	9	250(+100-150)
NWSS 250	250	458	9	300(+100-200)
NWSS 300	300	508	9	350(+100-250)
NWSS 400	400	608	9	450(+100-350)



NWSS-C

EXPANSION JOINT

WALL TO CORNER

100 - 400 mm Expansion Joint Width

Features

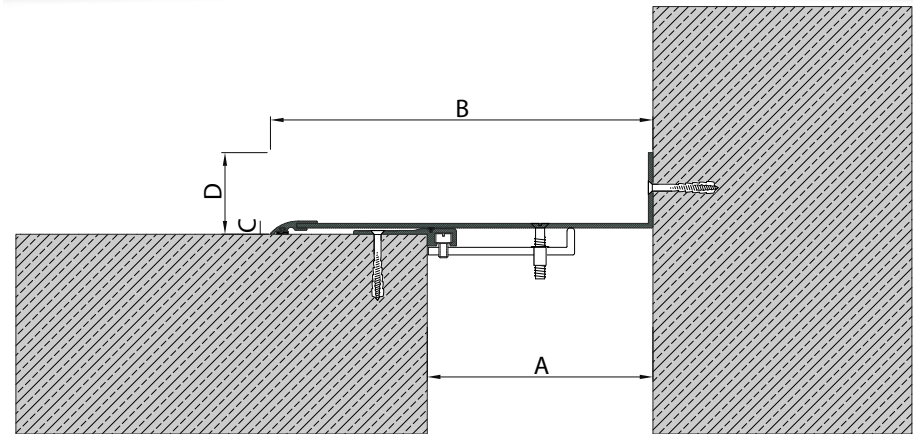
Surface	Solid Aluminium Brushed Finish Powder Coating
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System Options

Joint width{s}	100 - 400 mm
Height{s}	9 mm
Metal type{s}	Aluminium 6063, T6
Seal Color{s}	Free Seal
Waterproofing	Moisture barrier



Type	Joint Width A [mm]	Visible Width B [mm]	Installation Height C [mm]	Visible Height D [mm]	Total Movement [mm]
NWSS 100C	100	204	9	55	100(+50-50)
NWSS 150C	150	254	9	55	150(+50-100)
NWSS 200C	200	304	9	55	200(+50-150)
NWSS 250C	250	354	9	55	250(+50-200)
NWSS 300C	300	404	9	55	300(+50-250)
NWSS 400C	400	504	9	55	400(+50-350)



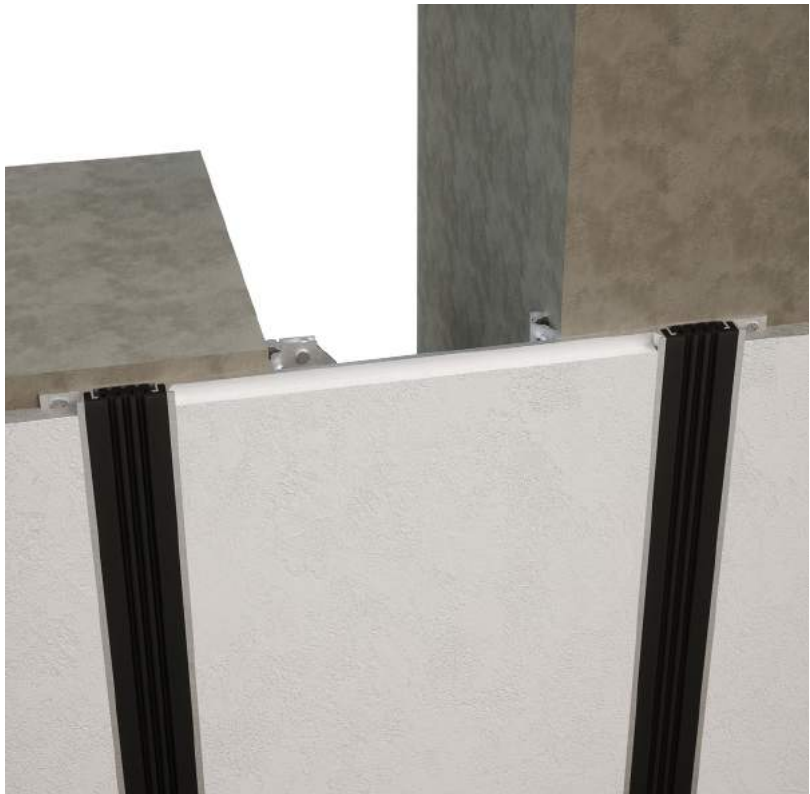
SEISMIC EXPANSION JOINT
WALL TO WALL
100 - 400 mm Expansion Joint Width

Features

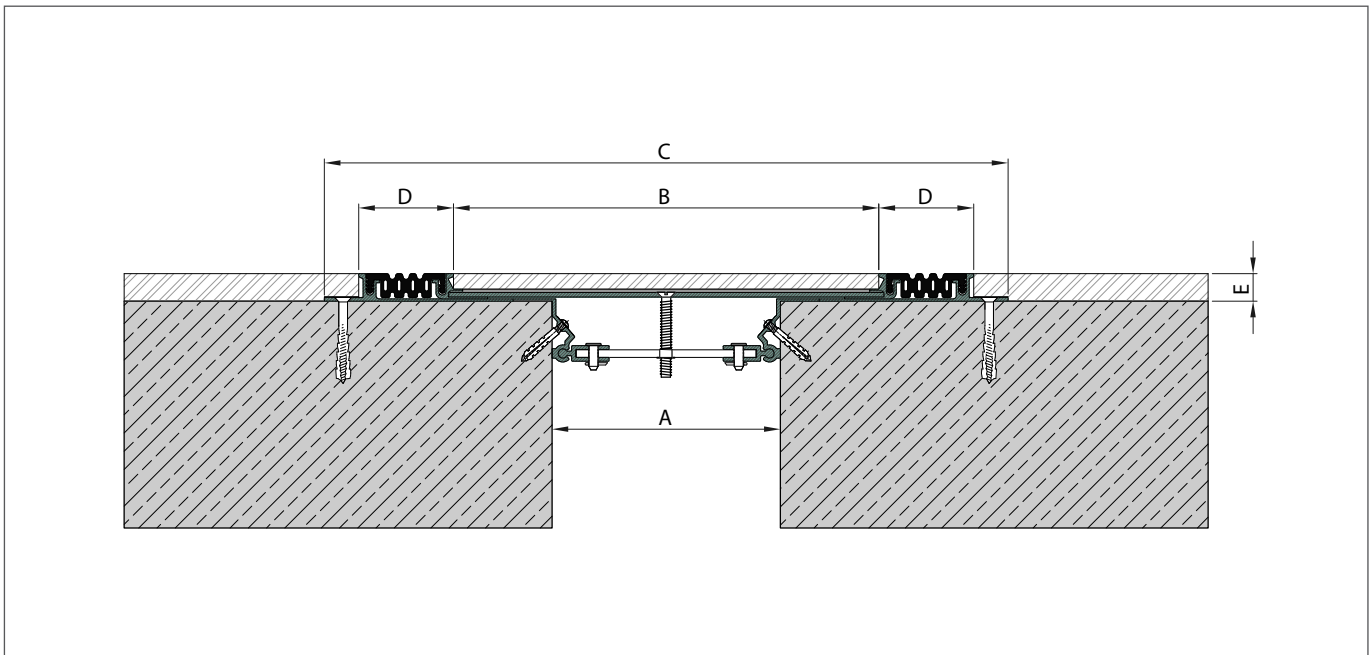
Surface	Aluminium Strip Rubber Seal Wall Finish
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System Options

Joint width(s)	100 - 400 mm
Height(s)	18 mm
Metal type(s)	Aluminium 6063, T6
Seal Color(s)	Black, Grey, Beige, White and Brown
Waterproofing	Moisture barrier



Type	Joint Width A [mm]	Pan Width B [mm]	Total Width C [mm]	Visible Width D [mm]	Installation Height E [mm]	Thermal Movement [mm]	Seismic Movement [mm]
UWSJ 100	100	230	414	62.3	18	50(±25)	190(+140/-50)
UWSJ 150	150	280	464	62.3	18	50(±25)	240(+140/-100)
UWSJ 200	200	330	514	62.3	18	50(±25)	290(+140/-150)
UWSJ 250	250	380	564	62.3	18	50(±25)	340(+140/-200)
UWSJ 300	300	430	614	62.3	18	50(±25)	390(+140/-250)
UWSJ 400	400	530	714	62.3	18	50(±25)	490(+140/-350)



UWSJ-C

SEISMIC EXPANSION JOINT

WALL TO CORNER

100 - 400 mm Expansion Joint Width

Features

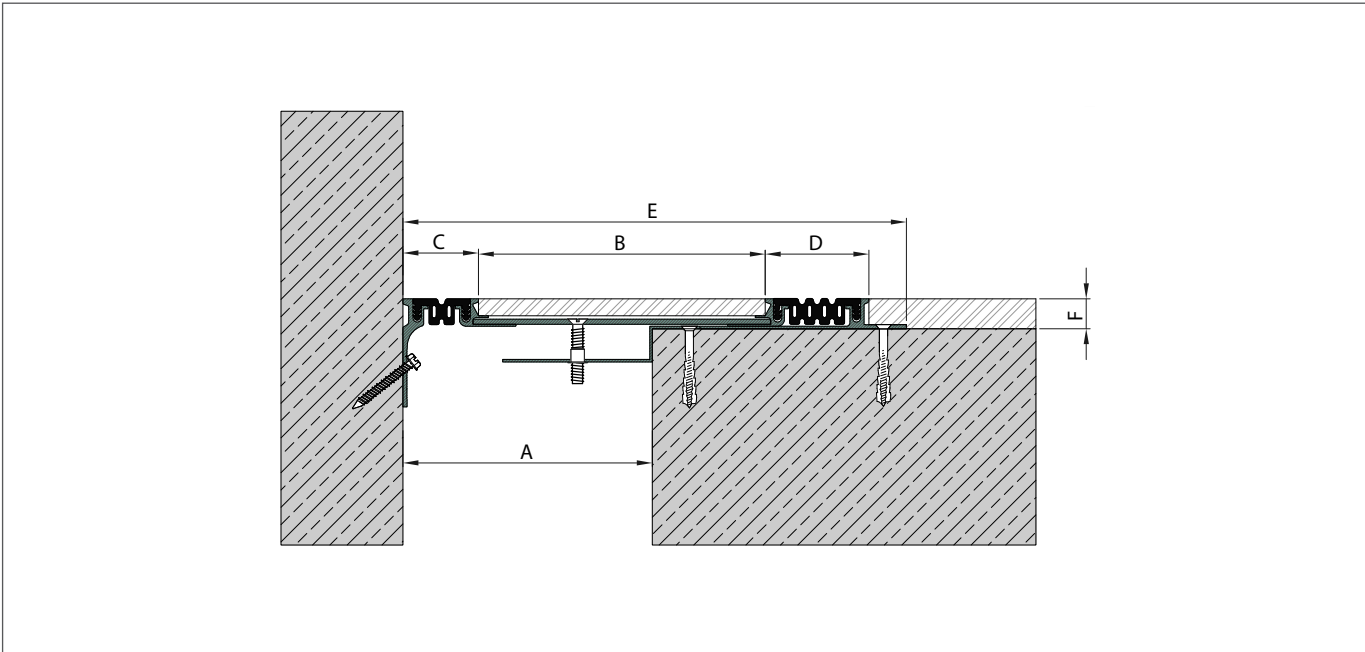
Surface	Aluminium Strip Rubber Seal Wall Finish
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System Options

Joint width(s)	100 - 400 mm
Height(s)	18 mm
Metal type(s)	Aluminium 6063, T6
Seal Color(s)	Black, Grey, Beige, White and Brown
Waterproofing	Moisture barrier



Type	Joint Width A [mm]	Pan Width B [mm]	Visible Width C [mm]	Visible Width D [mm]	Total Width E [mm]	Installation Height F [mm]	Thermal Movement [mm]	Seismic Movement [mm]
UWSJ 100C	100	123	45.4	62.3	260.7	18	40(±20)	125(+60-65)
UWSJ 150C	150	173	45.4	62.3	310.7	18	40(±20)	175(+60-115)
UWSJ 200C	200	223	45.4	62.3	360.7	18	40(±20)	225(+60-165)
UWSJ 250C	250	273	45.4	62.3	410.7	18	40(±20)	275(+60-215)
UWSJ 300C	300	323	45.4	62.3	460.7	18	40(±20)	325(+60-265)
UWSJ 400C	400	423	45.4	62.3	560.7	18	40(±20)	425(+60-365)



EXPANSION JOINT

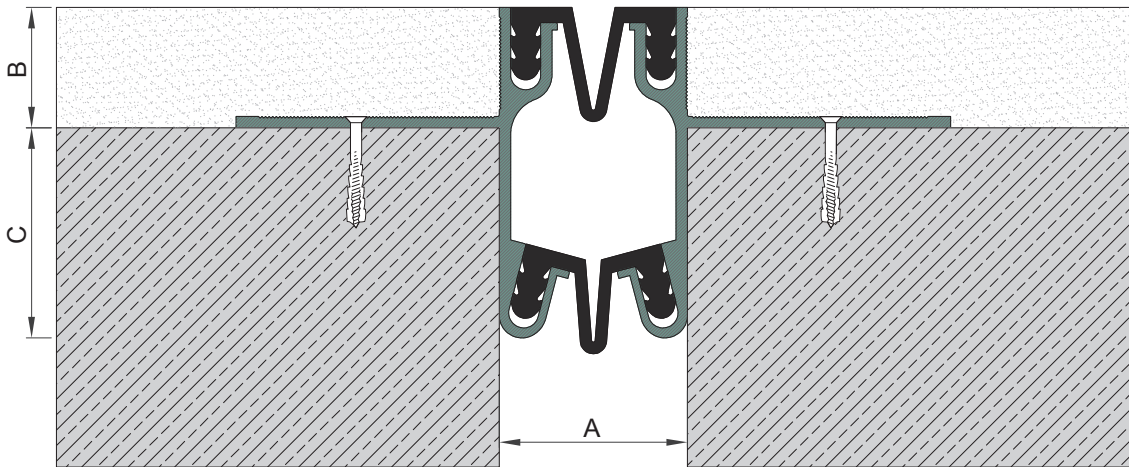
WALL TO WALL

25 - 35 mm Expansion Gap

Features	
Surface	Aluminium Strips Rubber Seal
System Options	
Gap width(s)	25 - 35 mm
Height(s)	16 mm
Metal type(s)	Aluminium 6063, T6
Seal Color(s)	Black, Grey, Beige, White and brown
Waterproofing	Moisture barrier



Type	Joint Width	Installation Height	Installation Depth	Total Movement
	A [mm]	B [mm]	C [mm]	[mm]
UWXJ 25	25	16	28	12 (+6-6)
UWXJ 35	35	16	28	20 (+10-10)



UWXJ-C

EXPANSION JOINT

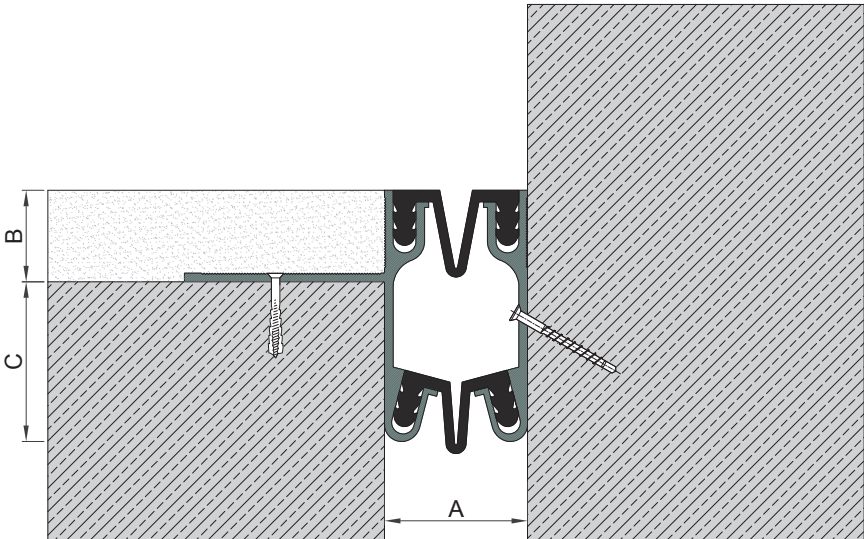
WALL TO CORNER

25 - 35 mm Expansion Gap

Features	
Surface	Aluminium Strips Rubber Seal
System Options	
Gap width(s)	25 - 35 mm
Height(s)	16 mm
Metal type(s)	Aluminium 6063, T6
Seal Color(s)	Black, Grey, Beige, White and Brown
Waterproofing	Double rubber



Type	Joint Width	Installation Height	Installation Depth	Total Movement
	A [mm]	B [mm]	C [mm]	[mm]
UWXJ 25C	25	16	28	12 (+6-6)
UWXJ 35C	35	16	28	20 (+10-10)



EXPANSION JOINT

WALL TO WALL

50 - 100 mm Expansion Joint Width

Features

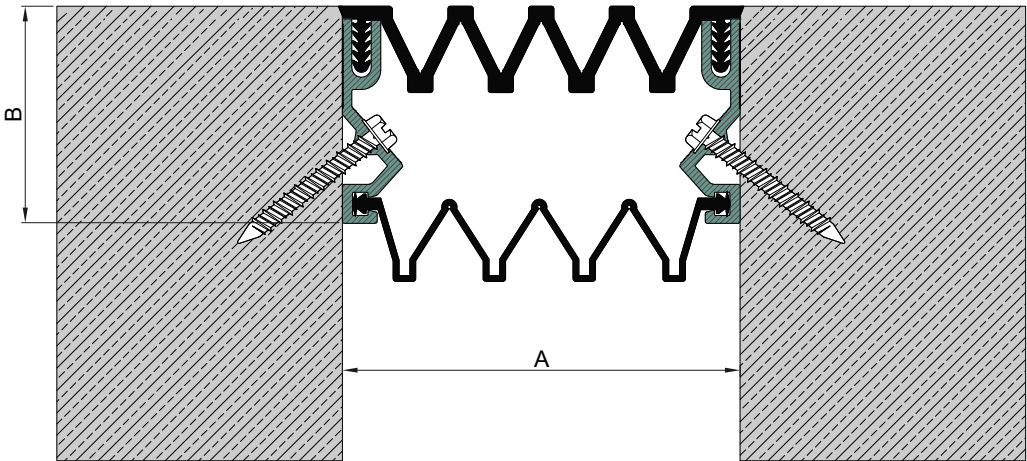
Surface	Rubber Seal
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System Options

Joint width[s]	50 - 100 mm
Height[s]	65 mm
Metal type[s]	Aluminium 6063, T6
Seal Color[s]	Black, Grey, Beige, White and Brown
Waterproofing	Watertight



Type	Joint Width A [mm]	Installation Depth B [mm]	Total Movement [mm]
UWXJ 50	50	56	65(+40/-25)
UWXJ 75	75	56	90 (+50-40)
UWXJ 100	100	56	125(+70/-55)



EXPANSION JOINT

WALL TO WALL

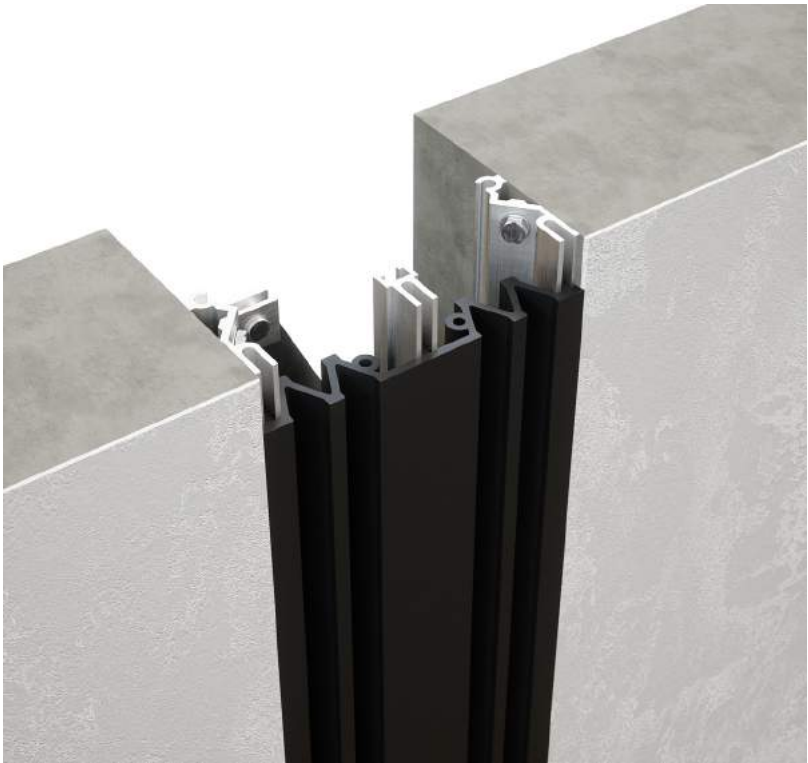
150 - 200 mm Expansion Joint Width

Features

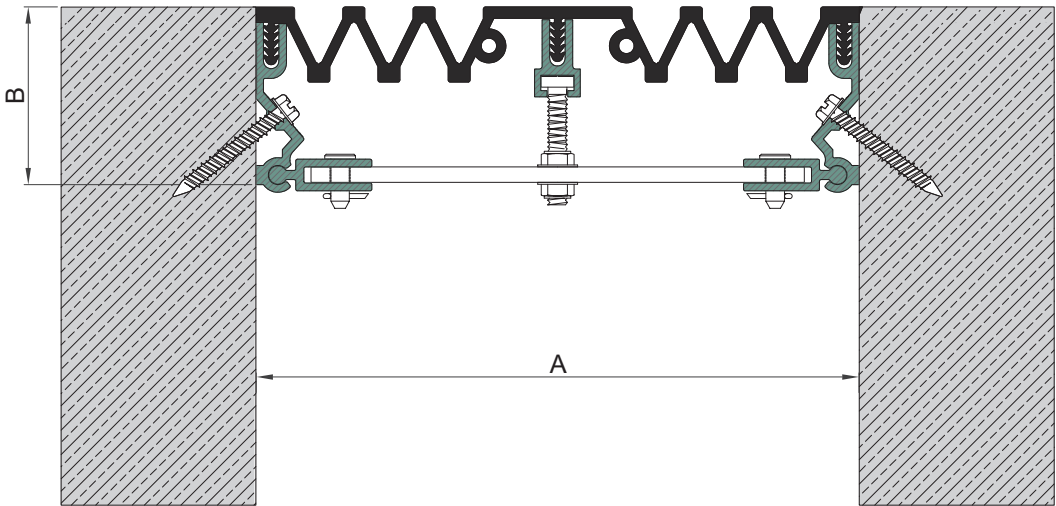
Surface	Rubber Seal
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System Options

Joint width(s)	150 - 200 mm
Height(s)	60 mm
Metal type(s)	Aluminium 6063, T6
Seal Color(s)	Black, Grey, Beige, White and Brown
Waterproofing	Watertight



Type	Joint Width A [mm]	Installation Depth B [mm]	Total Movement [mm]
UWXJ 150	150	60	160(+90/-70)
UWXJ 200	200	60	220(+130/-90)



EXPANSION JOINT

WALL TO WALL

250 - 300 mm Expansion Joint Width

Features

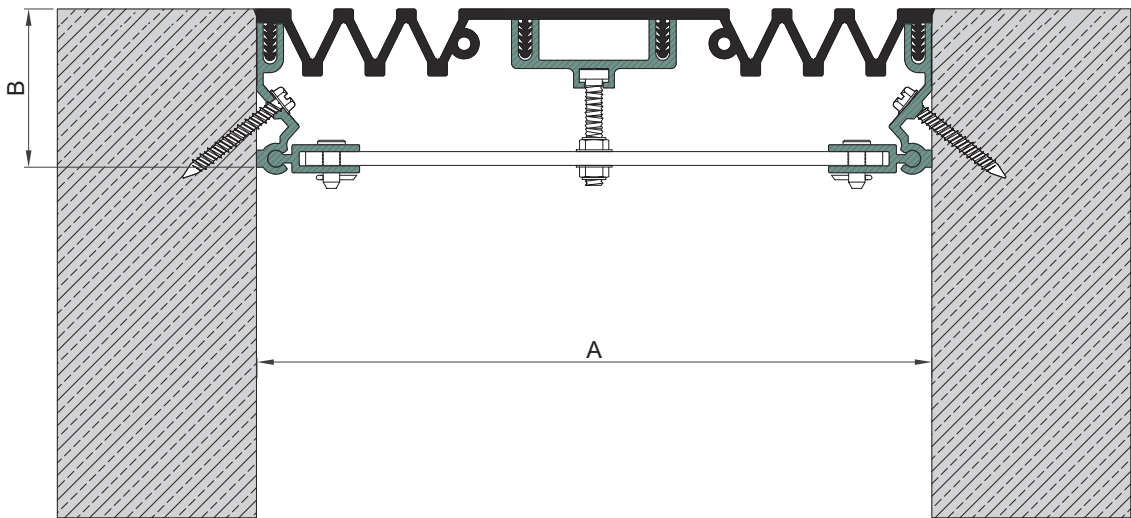
Surface	Rubber Seal
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System Options

Joint width(s)	250 - 300 mm
Height(s)	60 mm
Metal type(s)	Aluminium 6063, T6
Seal Color(s)	Black, Grey, Beige, White and Brown
Waterproofing	Watertight



Type	Joint Width A [mm]	Installation Depth B [mm]	Total Movement [mm]
UWXJ 250	250	60	240(+150/-90)
UWXJ 300	300	60	240(+150/-90)

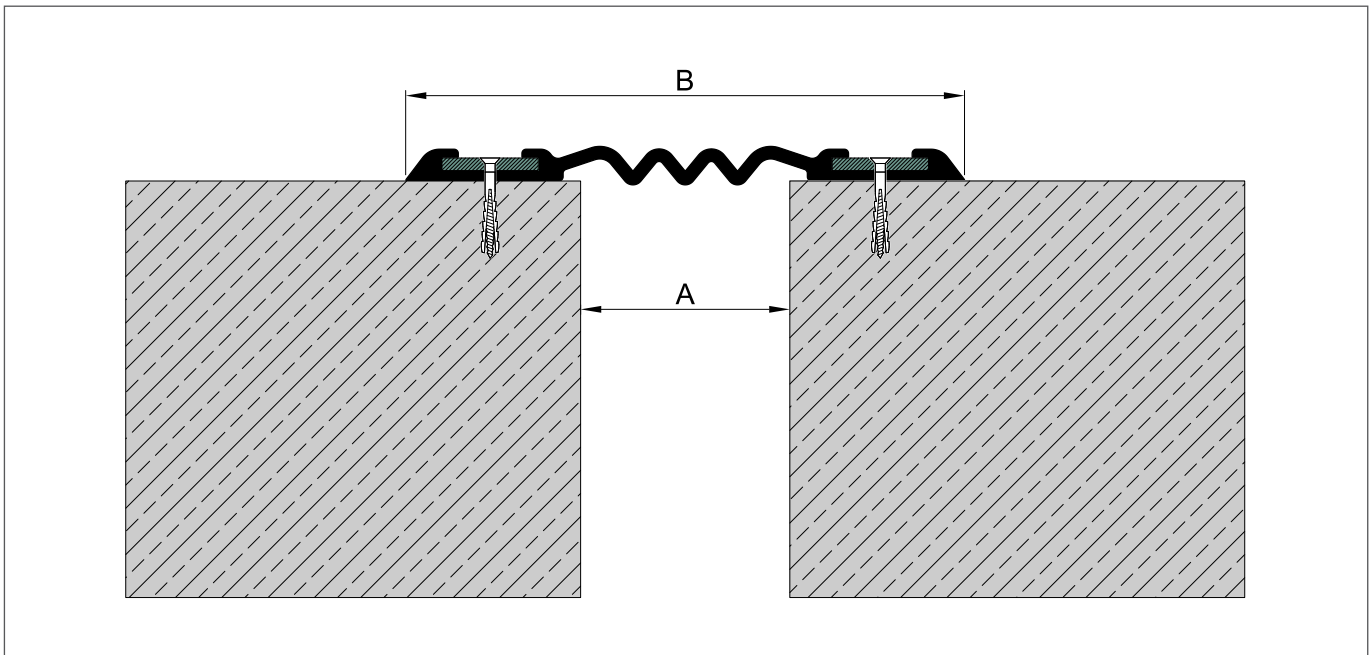


EXPANSION JOINT FOR WALLS AND CEILINGS - NORMAL AND CORNER 25 - 100 mm Expansion Gap

Features	
Surface	Rubber Seal
System Options	
Gap width[s]	25 - 100 mm
Height[s]	7.5 mm
Seal Color[s]	Multi Colors



Type	Joint Width A [mm]	Visible Width B [mm]	Total Movement [mm]
MMZ 25-50	25 - 50	130	60 (+30-30)
MMZ 75-100	75 - 100	200	100 (+50-50)

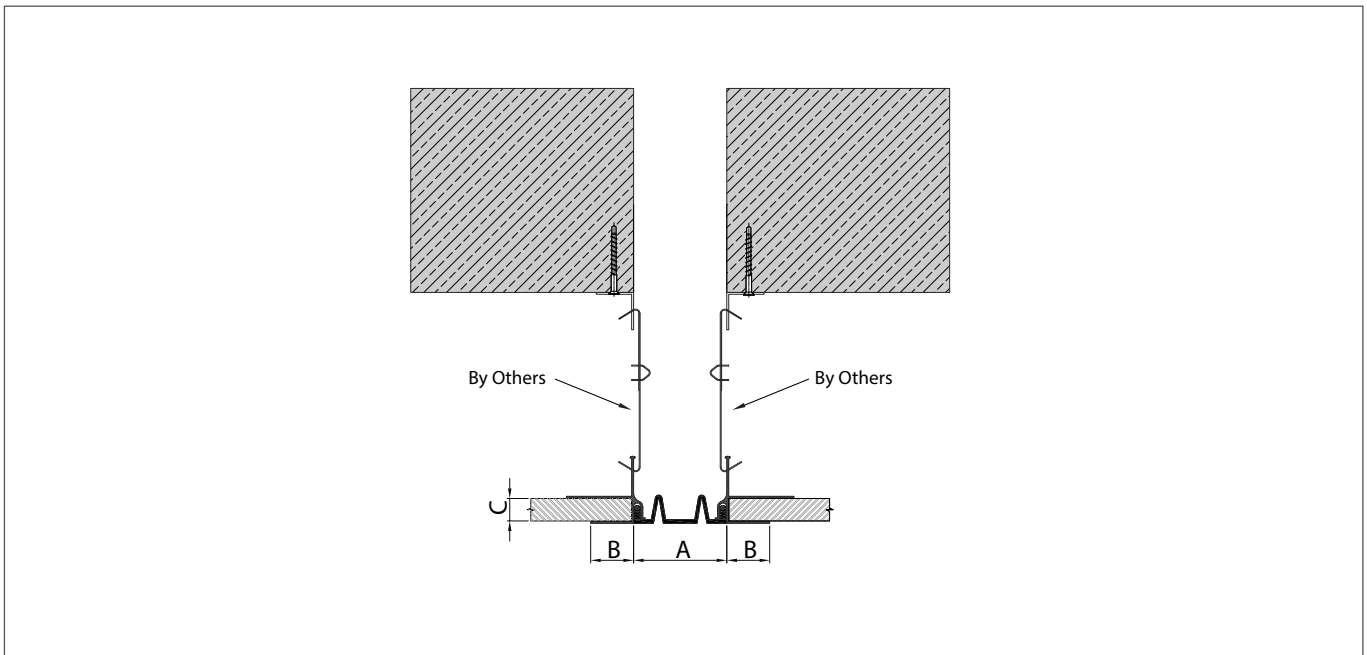


EXPANSION JOINT
CEILING - CEILING & GYPSUM WALLS
25 - 100 mm Expansion Gap

Features	
Surface	Aluminium Strips Rubber Seal
System Options	
Gap width[s]	25 - 100 mm
Height[s]	12 mm
Metal type[s]	Aluminium 6063, T6
Seal Color[s]	Black, Grey, Beige, White and Brown



Type	Joint Width A [mm]	Visible Width B [mm]	Tile Thickness C [mm]	Total Movement [mm]
NC 25	25	23	12	12 (+6-6)
NC 35	35	23	12	20 (+10-10)
NC 50	50	23	12	30 (+15-15)
NC 100	100	23	12	50 (+25-25)



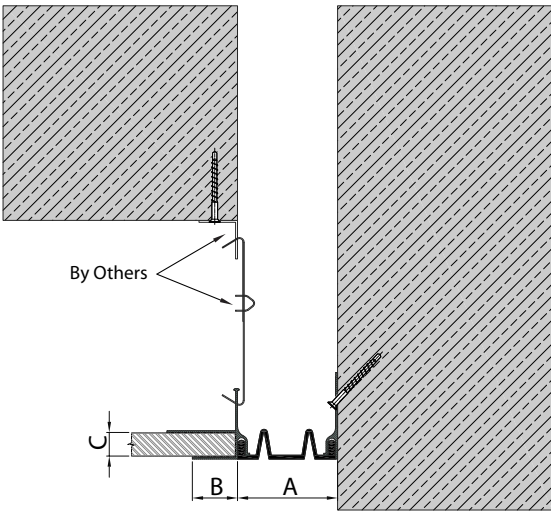
NC-C

EXPANSION JOINT CEILING TO WALL & GYPSUM WALL TO CORNER 25 - 100 mm Expansion Gap

Features	
Surface	Aluminium Strip Rubber Seal
System Options	
Gap width[s]	25 - 100 mm
Height[s]	12 mm
Metal type[s]	Aluminium 6063, T6
Seal Color[s]	Black, Grey, Beige, White and Brown



Type	Joint Width	Visible Width	Tile Thickness	Total Movement
	A [mm]	B [mm]	C [mm]	[mm]
NC 25C	25	23	12	12 (+6-6)
NC 35C	35	23	12	20 (+10-10)
NC 50C	50	23	12	30 (+15-15)
NC 100C	100	23	12	50 (+25-25)



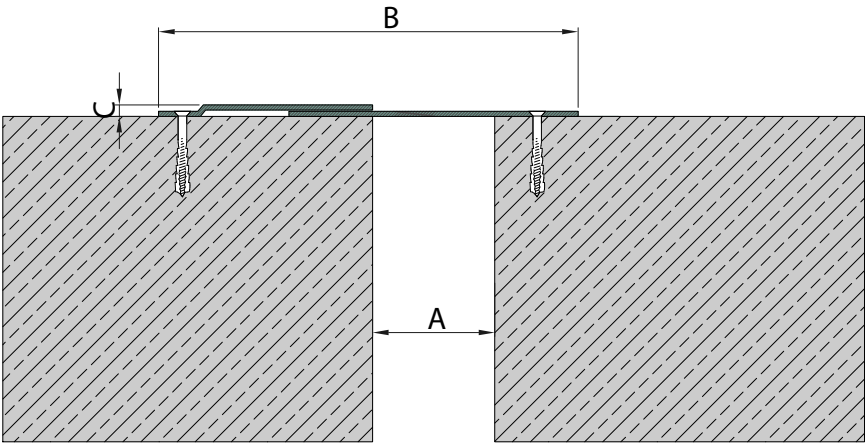
SEISMIC EXPANSION JOINT

Aluminum Cover Plate
WALL-WALL & CEILING-CEILING
25 - 75 mm Expansion Gap

Features	
Surface	Mill Finish Aluminum & Powder Coated
System Options	
Gap width(s)	25 - 75 mm
Metal type(s)	Aluminium 6063, T6



Type	Joint Width	Visible Width	Installation Height	Total Movement
	A [mm]	B [mm]	C [mm]	[mm]
NAL 25	25	145	7	40 (+20-20)
NAL 50	50	200	7	70 (+35-35)
NAL 75	75	235	7	80 (+40-40)



SEISMIC EXPANSION JOINT

Aluminum Cover Plate
WALL-WALL & CEILING-CEILING
25 - 75 mm Expansion Gap

Features

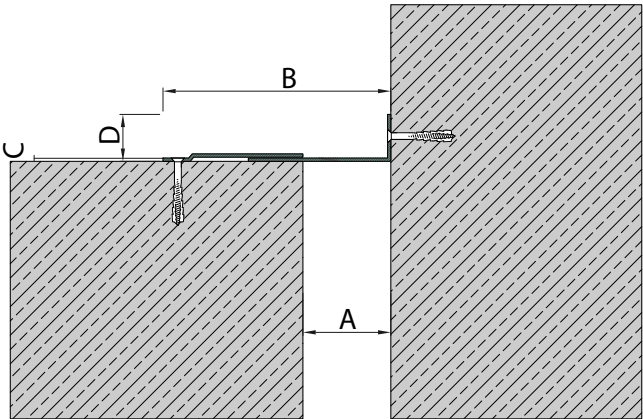
Surface	Mill Finish Aluminum & Powder Coated
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System Options

Gap width(s)	25 - 75 mm
Metal type(s)	Aluminium 6063, T6



Type	Joint Width A [mm]	Visible Width B [mm]	Installation Height C [mm]	Visible Height D [mm]	Total Movement [mm]
NAL 25C	25	93.2	7	43	40 (+20-20)
NAL 50C	50	148.2	7	43	70 (+35-35)
NAL 75C	75	283.2	7	43	80 (+4-40)



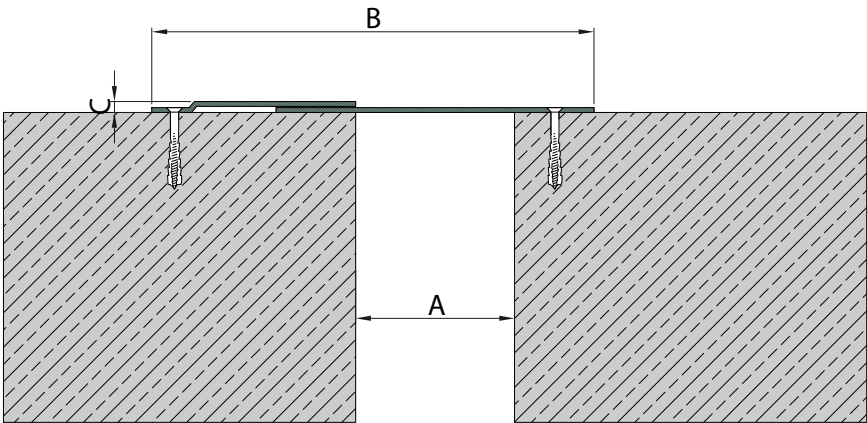
NAL 100

SEISMIC EXPANSION JOINT CEILING TO CEILING ; WALL TO WALL 100 - 400 mm Expansion Gap

Features	
Surface	Mill Finish Aluminum & Powder Coated
System Options	
Gap width[s]	100 - 400 mm
Metal type[s]	Aluminium 6063, T6



Type	Joint Width	Visible Width	Visible Width	Total Movement
	A [mm]	B [mm]	C [mm]	
NAL 100	100	278	7	100 (+50-50)
NAL 150	150	328	7	100 (+50-50)
NAL 200	200	378	7	100 (+50-50)
NAL 250	250	478	7	150 (+75-75)
NAL 300	300	528	7	150 (+75-75)
NAL 400	400	628	7	150 (+75-75)



NAL 100-C

SEISMIC EXPANSION JOINT CEILING TO WALL ; WALL TO CORNER 100 - 400 mm Expansion Gap

Features

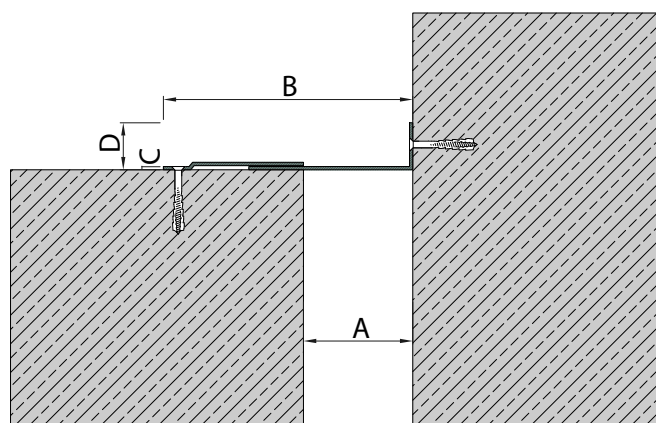
Surface	Mill Finish Aluminum & Powder Coated
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System Options

Gap width(s)	100 - 400 mm
Metal type(s)	Aluminium 6063, T6

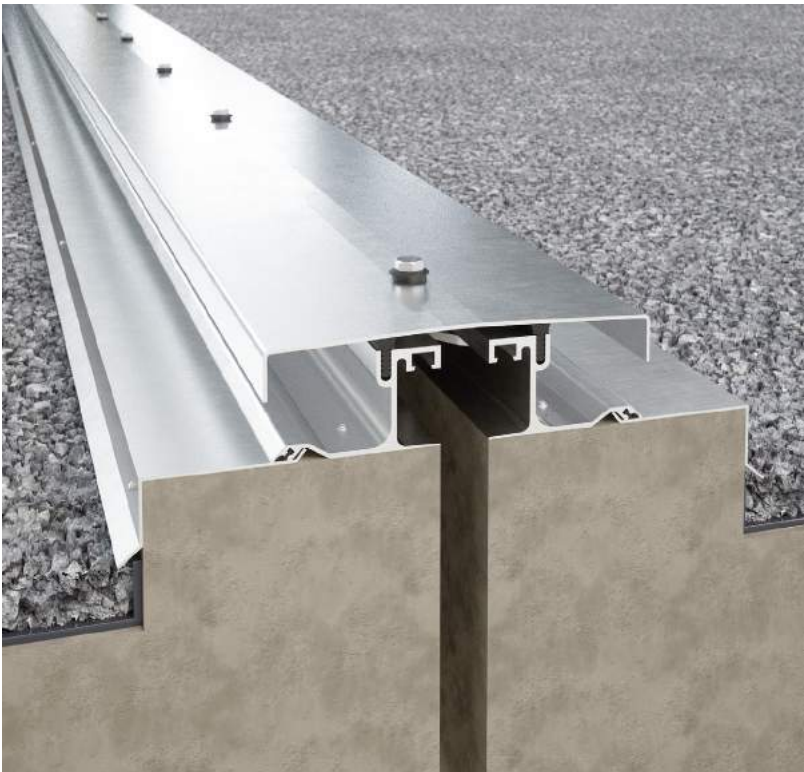


Type	Joint Width A [mm]	Visible Width B [mm]	Installation Height C [mm]	Visible Height D [mm]	Total Movement [mm]
NAL 100C	100	278	7	43	100 (+50-50)
NAL 150C	150	328	7	43	100 (+50-50)
NAL 200C	200	378	7	43	100 (+50-50)
NAL 250C	250	478	7	43	150 (+75-75)
NAL 300C	300	528	7	43	150 (+75-75)
NAL 400C	400	628	7	43	150 (+75-75)

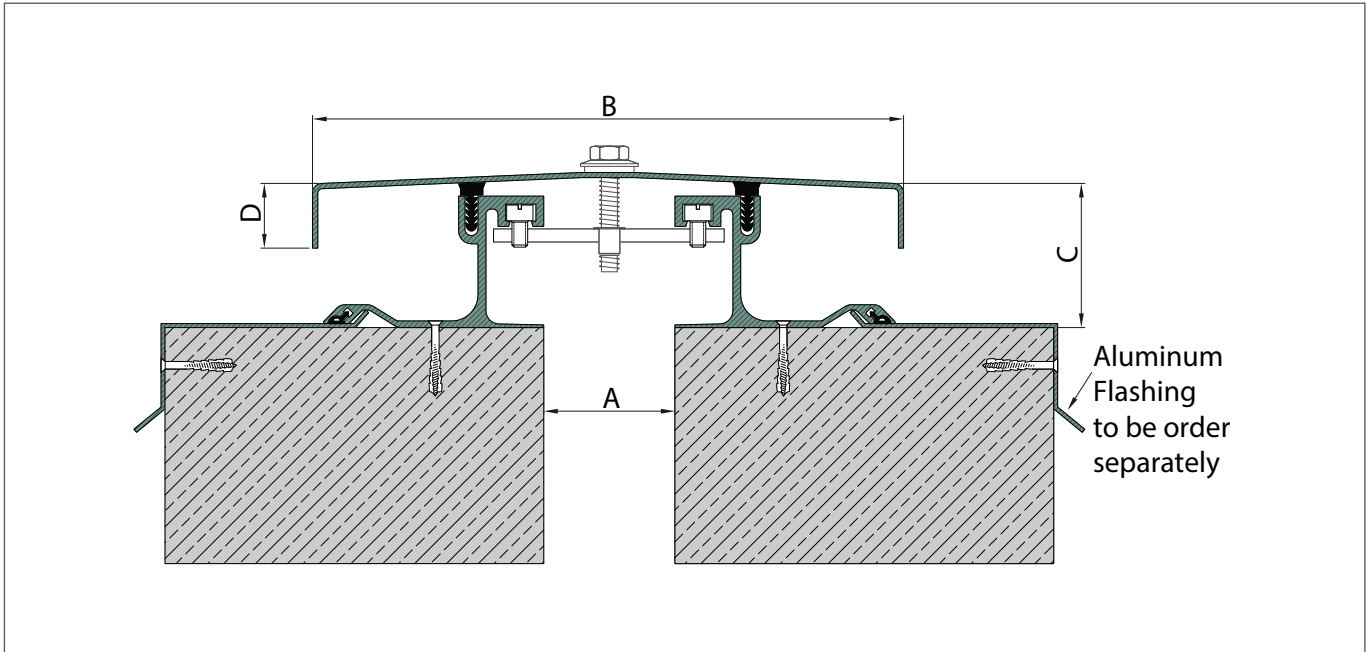


SEISMIC EXPANSION JOINT
ROOF (FLOOR - FLOOR)
25 - 75 mm Expansion Gap

Features	
Surface	Solid Aluminium
System Options	
Gap width(s)	25 - 75 mm
Height(s)	55 mm
Metal type(s)	Aluminium 6063, T6
Seal Color(s)	Free Seal
Waterproofing	Moisture barrier



Type	Joint Width A [mm]	Visible Width B [mm]	Total Height C [mm]	Cover Height D [mm]	Total Movement [mm]
NR 25	25	200	55	25	40 (+25-15)
NR 35	35	210	55	25	50 (+30-20)
NR 50	50	225	55	25	90 (+50-40)
NR 75	75	250	55	25	115 (+50-65)



SEISMIC EXPANSION JOINT ROOF (FLOOR - WALL) 25 - 75 mm Expansion Gap

Features

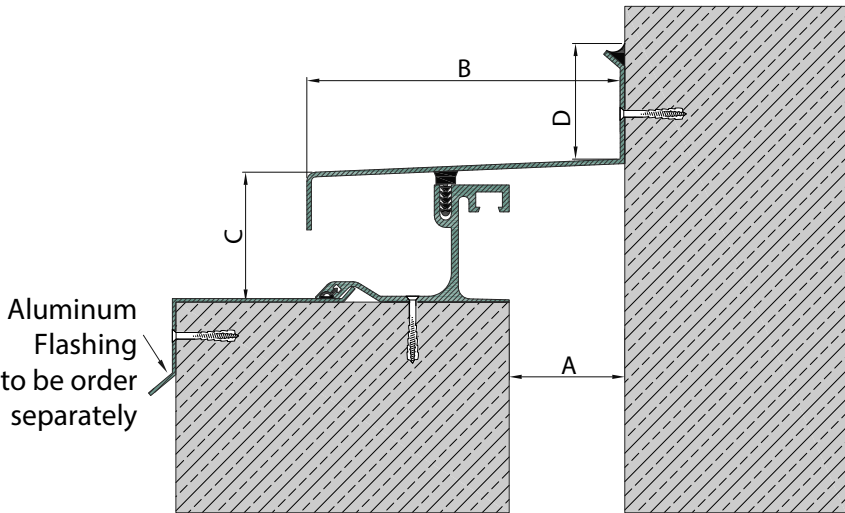
Surface	Solid Aluminium
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System Options

Gap width(s)	25 - 75 mm
Height(s)	55 mm
Metal type(s)	Aluminium 6063, T6
Seal Color(s)	Free Seal
Waterproofing	Moisture barrier

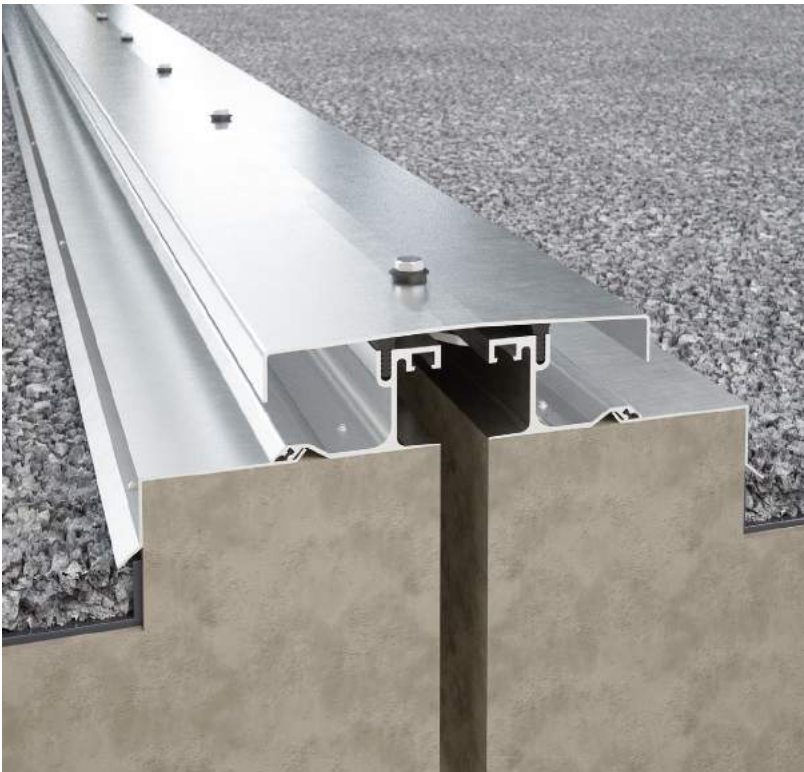


Type	Joint Width A [mm]	Central Width B [mm]	Total Height C [mm]	Visible Height D [mm]	Total Movement [mm]
NR 25C	25	113	55	51	45 (+25-20)
NR 35C	35	123	55	51	60 (+30-30)
NR 50C	50	138	55	51	75 (+30-45)
NR 75C	75	163	55	51	100 (+30-70)

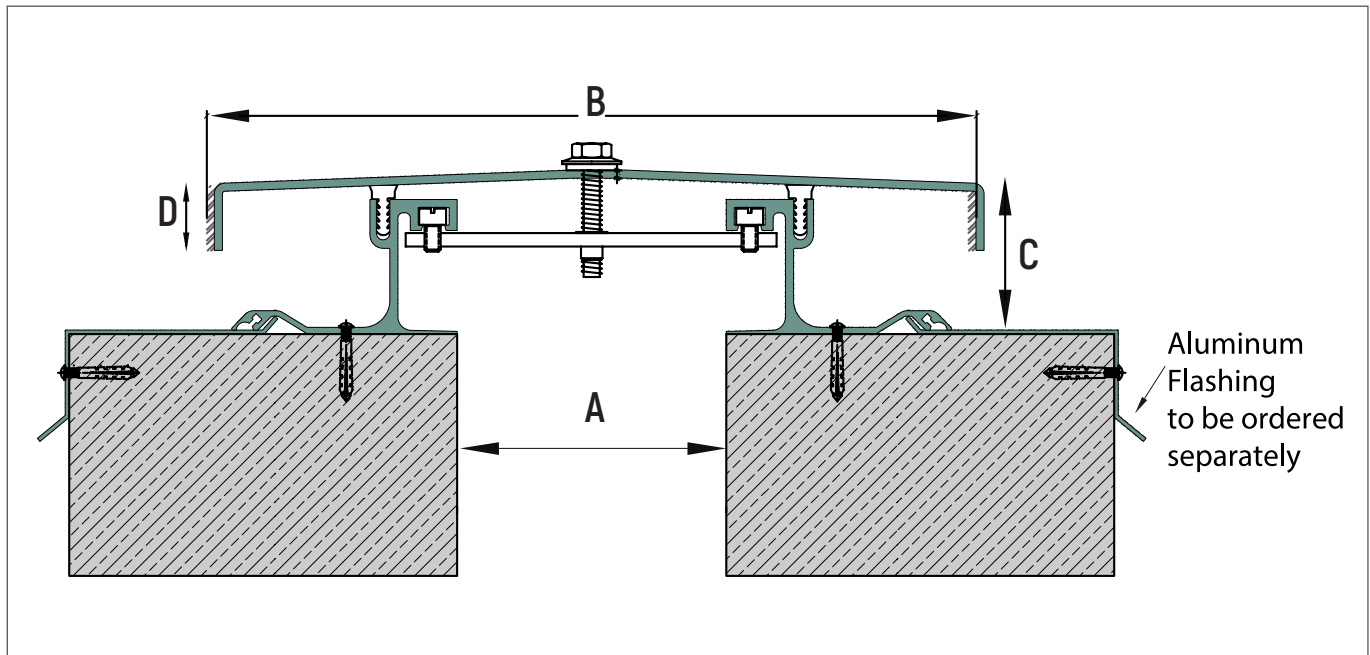


SEISMIC EXPANSION JOINT
ROOF (FLOOR - FLOOR)
100 - 400 Expansion Gap

Features	
Surface	Solid Aluminium
System Options	
Gap width(s)	100 - 400 mm
Height(s)	mm
Metal type(s)	Aluminium 6063, T6
Seal Color(s)	Free Seal
Waterproofing	Moisture barrier



Type	Joint Width A [mm]	Visible Width B [mm]	Total Height C [mm]	Cover Height D [mm]	Total Movement [mm]
NR 100	100	286	60	25	170 (+80-90)
NR 150	150	336	60	25	240 (+100-140)
NR 200	200	387	60	25	300 (+110-190)
NR 250	250	438	60	25	350 (+110-240)
NR 300	300	538	60	25	400 (+110-290)
NR 400	400	590	60	25	500 (+110-390)



NR-C

SEISMIC EXPANSION JOINT

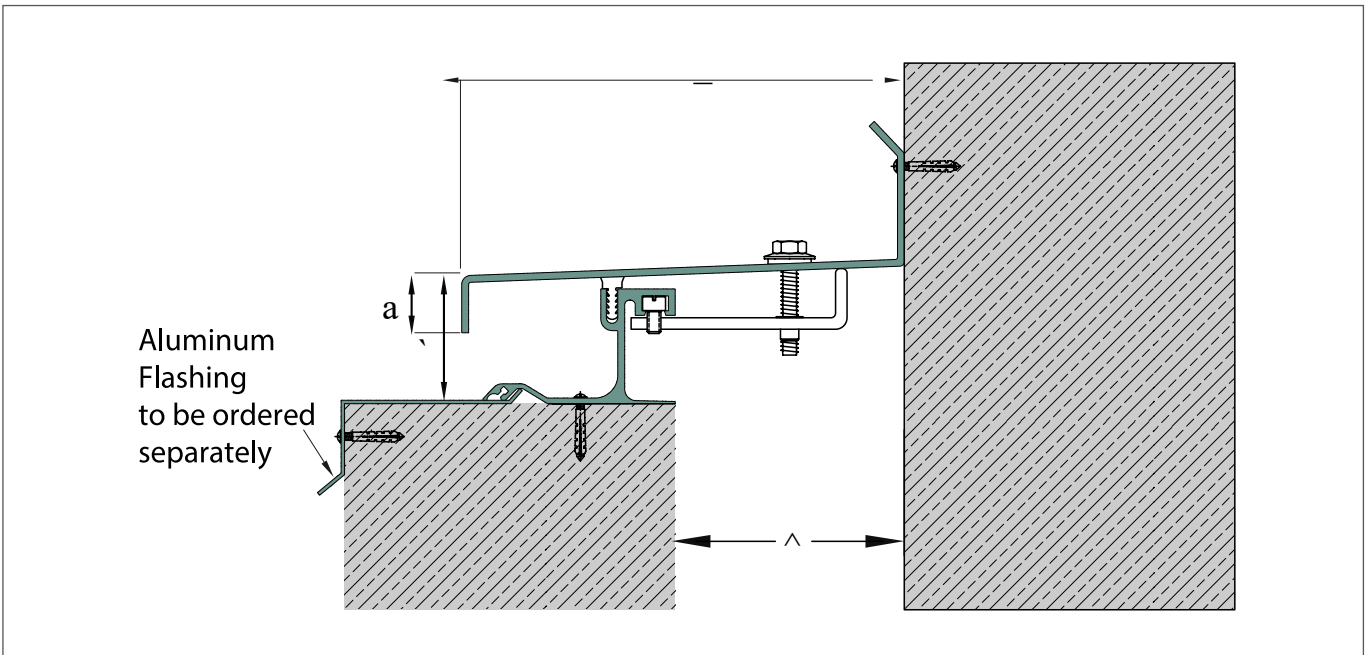
ROOF (FLOOR - FLOOR)

100 - 400 Expansion Gap

Features	
Surface	Solid Aluminium
System Options	
Gap width[s]	100 - 400 mm
Height[s]	mm
Metal type[s]	Aluminium 6063, T6
Seal Color[s]	Free Seal
Waterproofing	Moisture barrier

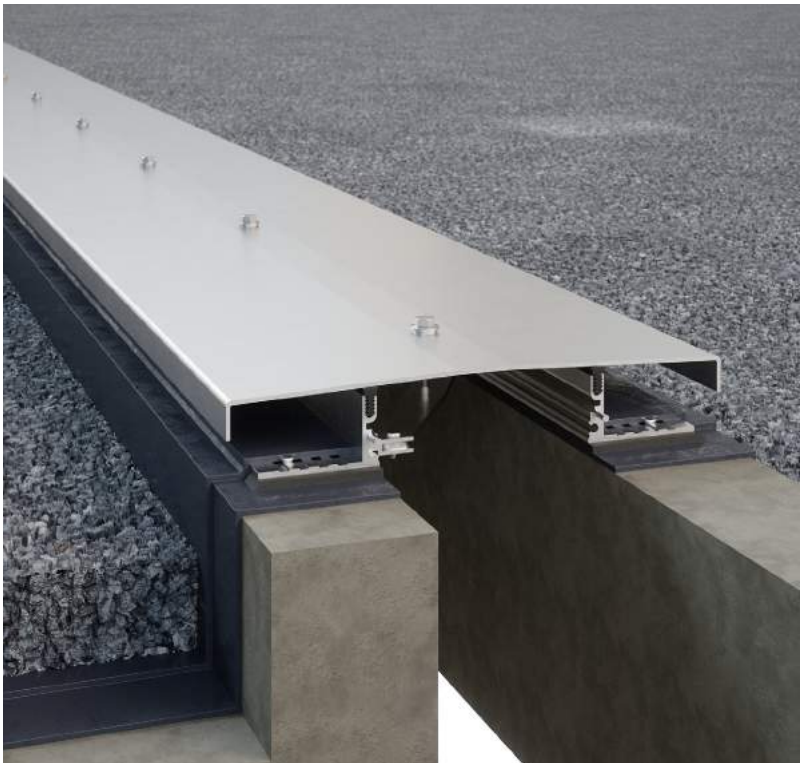


Type	Joint Width A [mm]	Visible Width B [mm]	Total Height C [mm]	Cover Height D [mm]	Total Movement [mm]
NR 100C	100	193	60	25	130 (+55-75)
NR 150C	150	243	60	25	180 (+55-125)
NR 200C	200	293	60	25	230 (+55-175)
NR 250C	250	344	60	25	280 (+55-225)
NR 300C	300	419	60	25	330 (+55-275)
NR 400C	400	495	60	25	430 (+55-375)

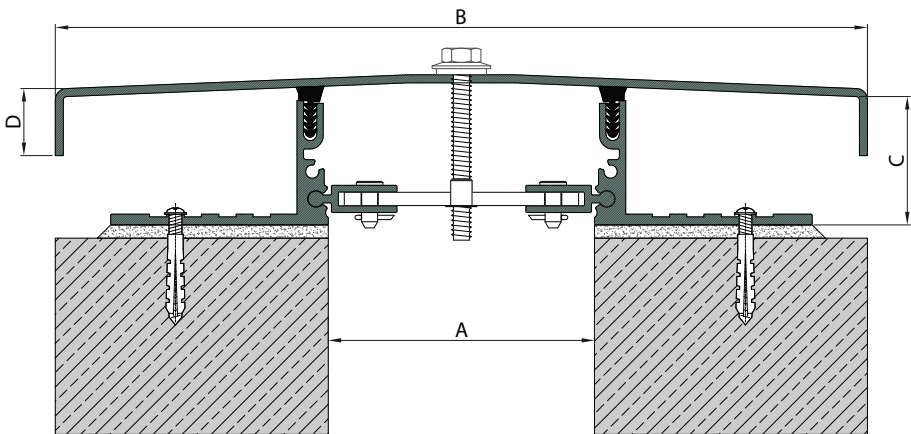


SEISMIC EXPANSION JOINT
ROOF (FLOOR TO FLOOR)
100 - 400 mm Expansion Joint Width

Features	
Surface	Solid Aluminum
System Options	
Joint width(s)	100 - 400 mm
Height(s)	51 mm
Metal type(s)	Aluminium 6063, T6
Seal Color(s)	Black
Waterproofing	Watertight



Type	Joint Width	Total Width	Installation Height	Coverage Height	Thermal Movement	Seismic Movement
	A [mm]	B [mm]	C [mm]	D [mm]	[mm]	[mm]
URSJ 100	100	305	51	25	160(+110-50)	185(+110-75)
URSJ 150	150	355	51	25	210(+110-100)	235(+110-125)
URSJ 200	200	405	51	25	260(+110-150)	285(+110-175)
URSJ 250	250	455	51	25	310(+110-200)	335(+110-225)
URSJ 300	300	505	51	25	360(+110-250)	385(+110-275)
URSJ 400	400	605	51	25	410(+110-300)	485(+110-375)



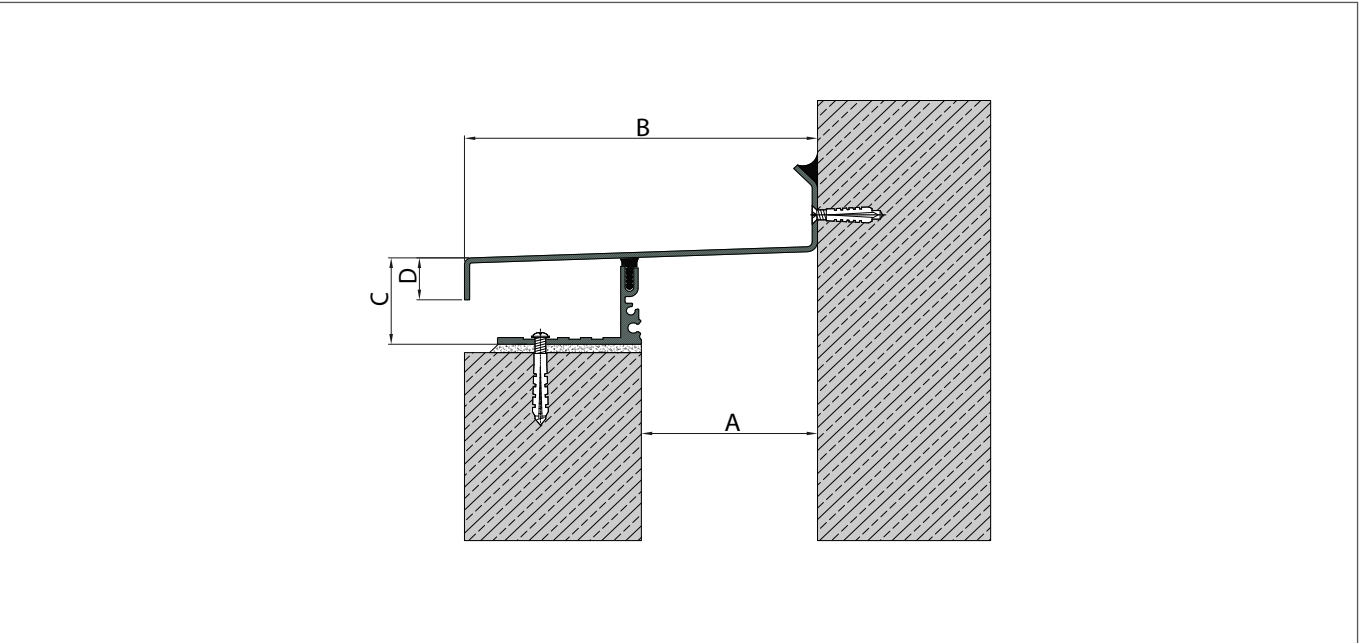
URSJ-C

SEISMIC EXPANSION JOINT ROOF (FLOOR TO WALL) 100 - 400 mm Expansion Joint Width

Features	
Surface	Solid Aluminum
System Options	
Joint width(s)	100 - 400 mm
Height(s)	51 mm
Metal type(s)	Aluminium 6063, T6
Seal Color(s)	Black
Waterproofing	Watertight



Type	Joint Width A [mm]	Total Width B [mm]	Installation Height C [mm]	Coverage Height D [mm]	Thermal Movement [mm]	Seismic Movement [mm]
URSJ 100C	100	200	51	25	135(+60-75)	185(+85-100)
URSJ 150C	150	250	51	25	160(+60-100)	210(+85-125)
URSJ 200C	200	300	51	25	210(+60-150)	260(+85-175)
URSJ 250C	250	350	51	25	260(+60-200)	310(+85-225)
URSJ 300C	300	400	51	25	310(+60-250)	360(+85-275)
URSJ 400C	400	500	51	25	360(+60-300)	460(+85-375)



UPR-25

EXPANSION JOINT

FLOOR TO FLOOR

25-35 mm Expansion Joint Width

Features

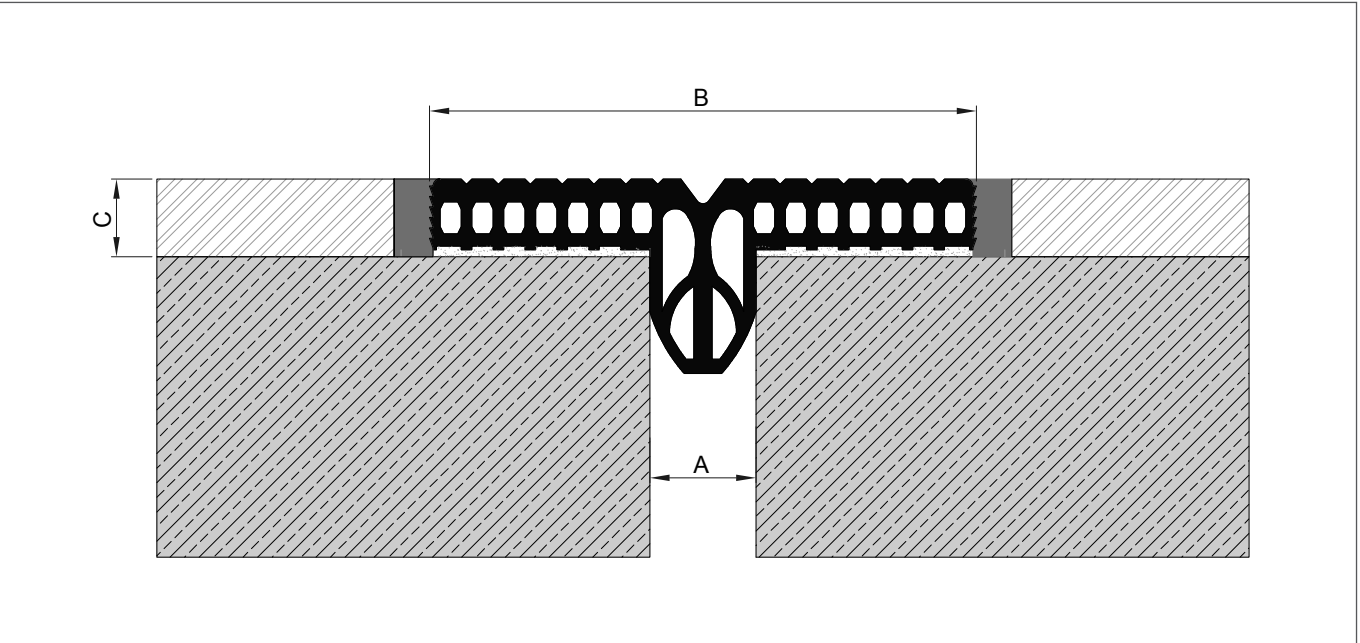
Surface	Extruded Rubber
---------	-----------------

System Options

Joint width(s)	25 - 35 mm
Height(s)	22 mm
Rubber type(s)	EPDM
Seal Color(s)	Black
Waterproofing	Watertight



Type	Joint Width A [mm]	Visible Width B [mm]	Installation Height C [mm]	Total Movement [mm]	Load Capacity 
UPR 25	25	150	22	20(±10)	Vehicle
UPR 35	35	160	22	30(±15)	Vehicle



UPR-25C

EXPANSION JOINT

FLOOR TO WALL

25-35 mm Expansion Joint Width

Features

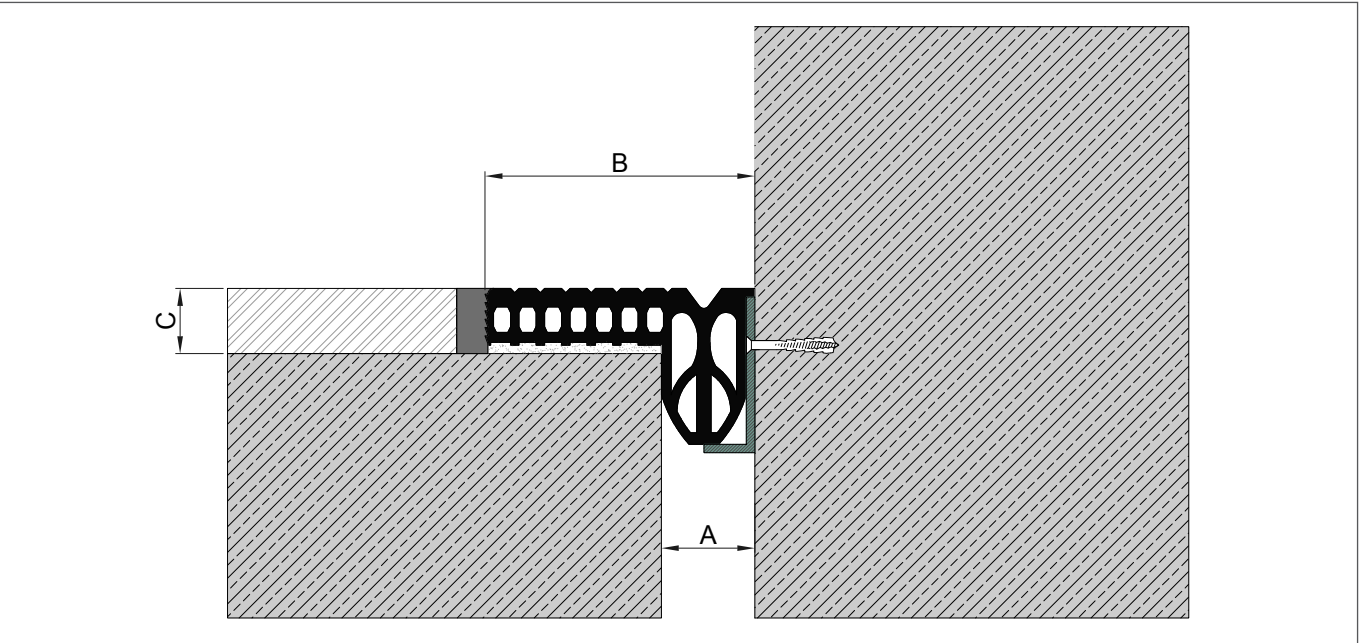
Surface	Extruded Rubber
---------	-----------------

System Options

Joint width[s]	25 - 35 mm
Height[s]	22 mm
Rubber type[s]	EPDM
Seal Color[s]	Black
Waterproofing	Watertight



Type	Joint Width A [mm]	Visible Width B [mm]	Installation Height C [mm]	Total Movement [mm]	Load Capacity 
UPR 25C	25	85	22	17(+10/-7)	Vehicle
UPR 35C	35	95	22	30(±15)	Vehicle



UPR-50

EXPANSION JOINT

FLOOR TO FLOOR

50 mm Expansion Joint Width

Features

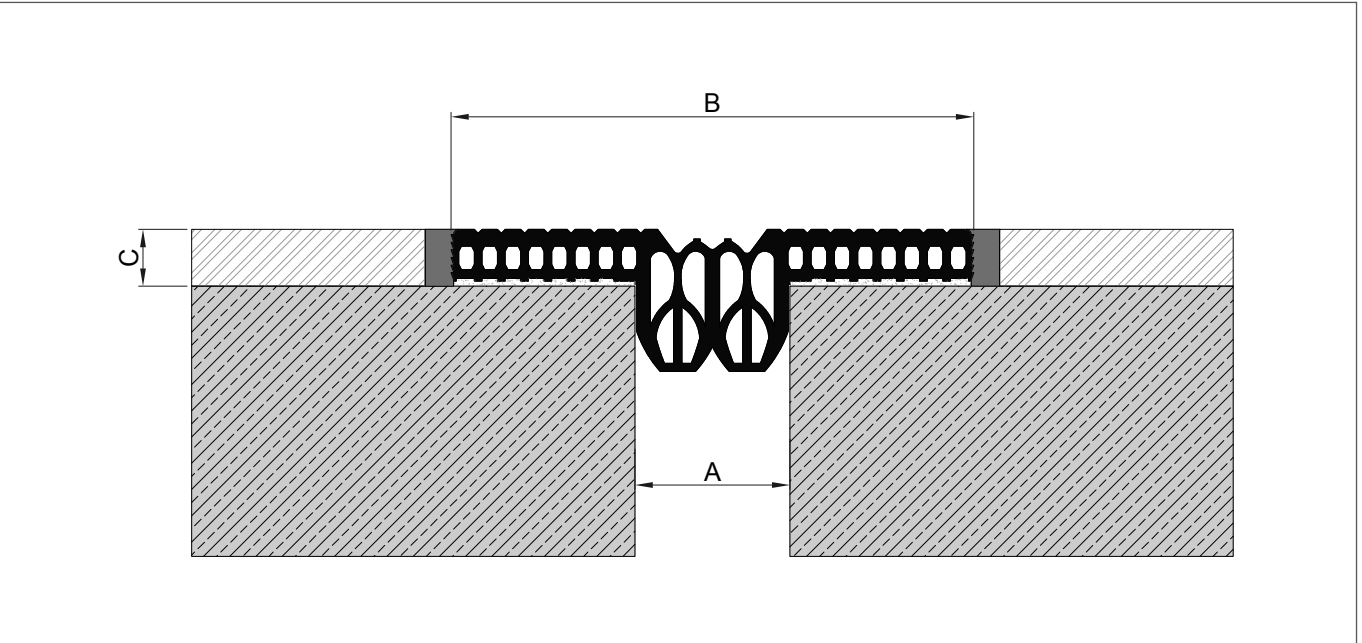
Surface	Extruded Rubber
---------	-----------------

System Options

Joint width[s]	50 mm
Height[s]	22 mm
Rubber type[s]	EPDM
Seal Color[s]	Black
Waterproofing	Watertight



Type	Joint Width A [mm]	Visible Width B [mm]	Installation Height C [mm]	Total Movement [mm]	Load Capacity 
UPR 50	50	222.5	22	40(±20)	Private Cars



UPR-50C

EXPANSION JOINT

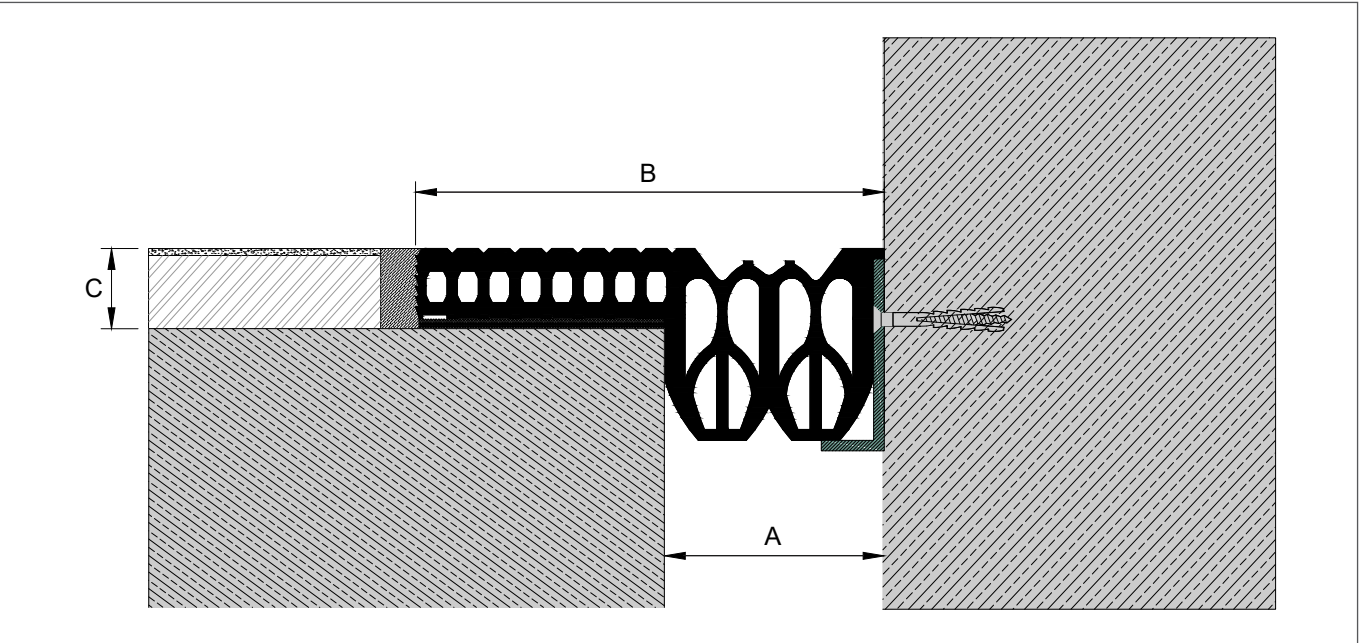
FLOOR TO WALL

50 mm Expansion Joint Widths

Features	
Surface	Extruded Rubber
System Options	
Joint width(s)	50 mm
Height(s)	22 mm
Rubber type(s)	EPDM
Seal Color(s)	Black
Waterproofing	Watertight



Type	Joint Width A [mm]	Visible Width B [mm]	Installation Height C [mm]	Total Movement [mm]	Load Capacity 
UPR 50	50	120	23	40(±20)	Private Cars



UPR-75

EXPANSION JOINT

FLOOR TO FLOOR

75 mm Expansion Joint Width

Features

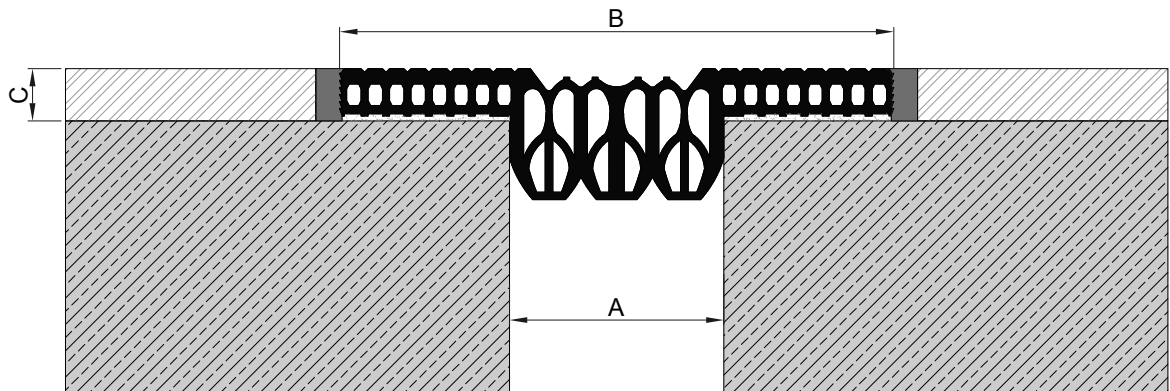
Surface	Extruded Rubber
---------	-----------------

System Options

Joint width(s)	75 mm
Height(s)	22 mm
Rubber type(s)	EPDM
Seal Color(s)	Black
Waterproofing	Watertight



Type	Joint Width A [mm]	Visible Width B [mm]	Installation Height C [mm]	Total Movement [mm]	Load Capacity 
UPR 75	75	225	22	60(±30)	Private Cars



UPR-75C

EXPANSION JOINT

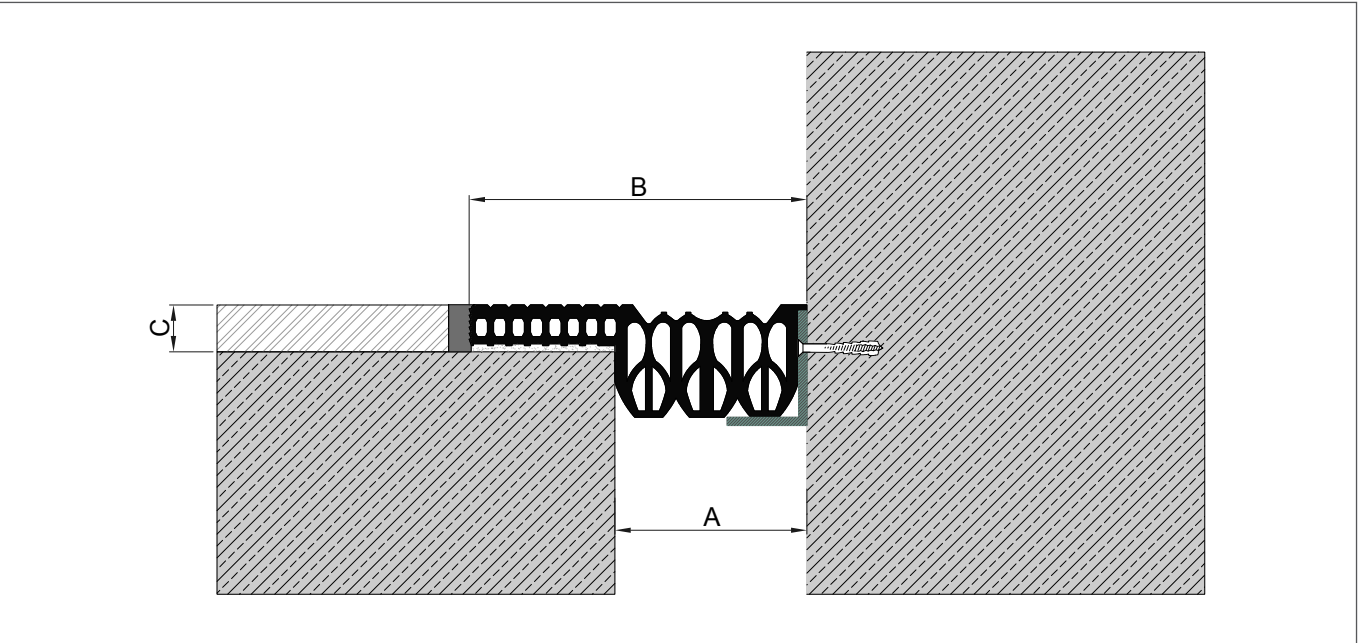
FLOOR TO WALL

75 mm Expansion Joint Width

Features	
Surface	Extruded Rubber
System Options	
Joint width(s)	75 mm
Height(s)	23 mm
Rubber type(s)	EPDM
Seal Color(s)	Black
Waterproofing	Watertight



Type	Joint Width	Visible Width	Installation Height	Total Movement	Load Capacity
	A [mm]	B [mm]	C [mm]	[mm]	 Private Cars
UPR 75C	75	145	23	60(±30)	



UPR-100

EXPANSION JOINT

FLOOR TO FLOOR

100 mm Expansion Joint Width

Features

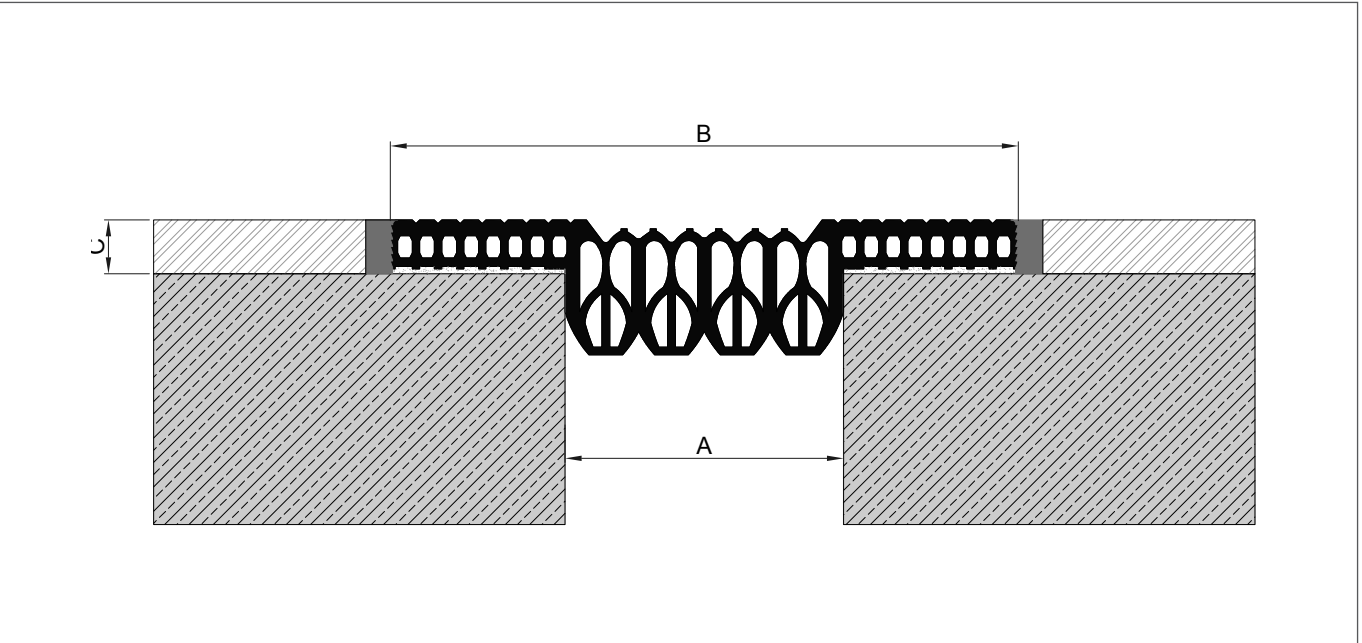
Surface	Extruded Rubber
---------	-----------------

System Options

Joint width(s)	100 mm
Height(s)	22 mm
Rubber type(s)	EPDM
Seal Color(s)	Black
Waterproofing	Watertight



Type	Joint Width A [mm]	Visible Width B [mm]	Installation Height C [mm]	Total Movement [mm]	Load Capacity 
UPR 100	100	276.1	22	80(±40)	Private Cars



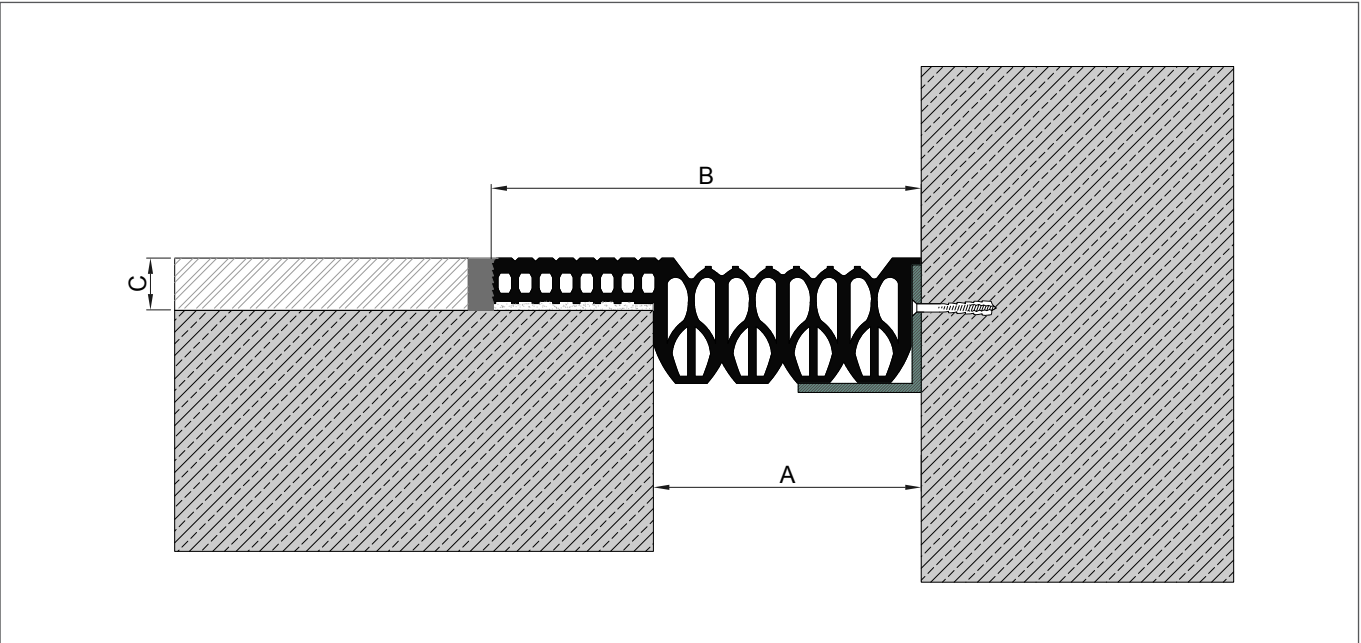
UPR-100C

EXPANSION JOINT FLOOR TO WALL 100 mm Expansion Joint Width

Features	
Surface	Extruded Rubber
System Options	
Joint width(s)	100 mm
Height(s)	22 mm
Rubber type(s)	EPDM
Seal Color(s)	Black
Waterproofing	Watertight



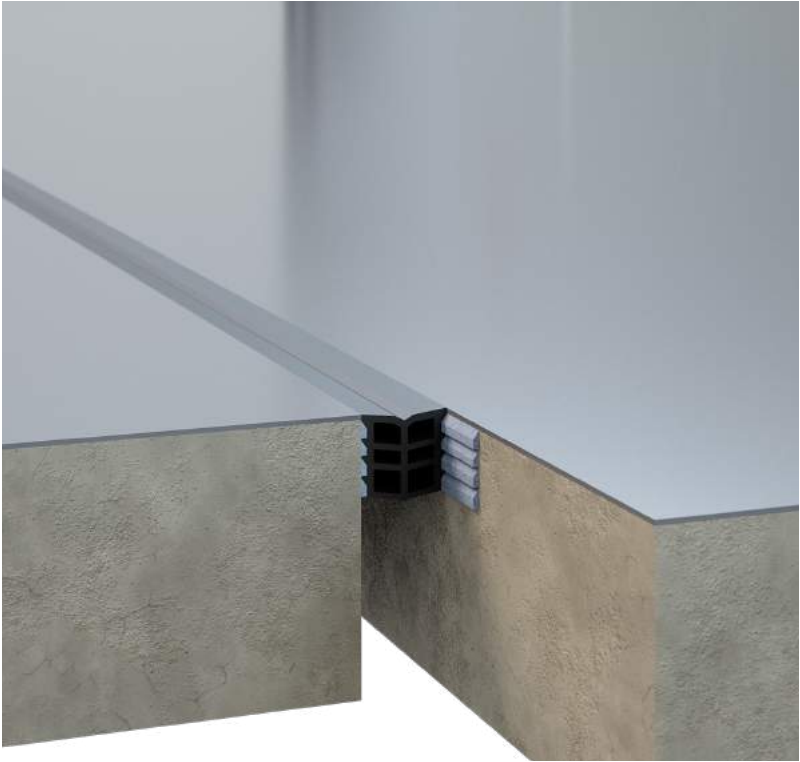
Type	Joint Width A [mm]	Visible Width B [mm]	Installation Height C [mm]	Total Movement [mm]	Load Capacity 
UPR 100C	100	170	23	80(±40)	Private Cars



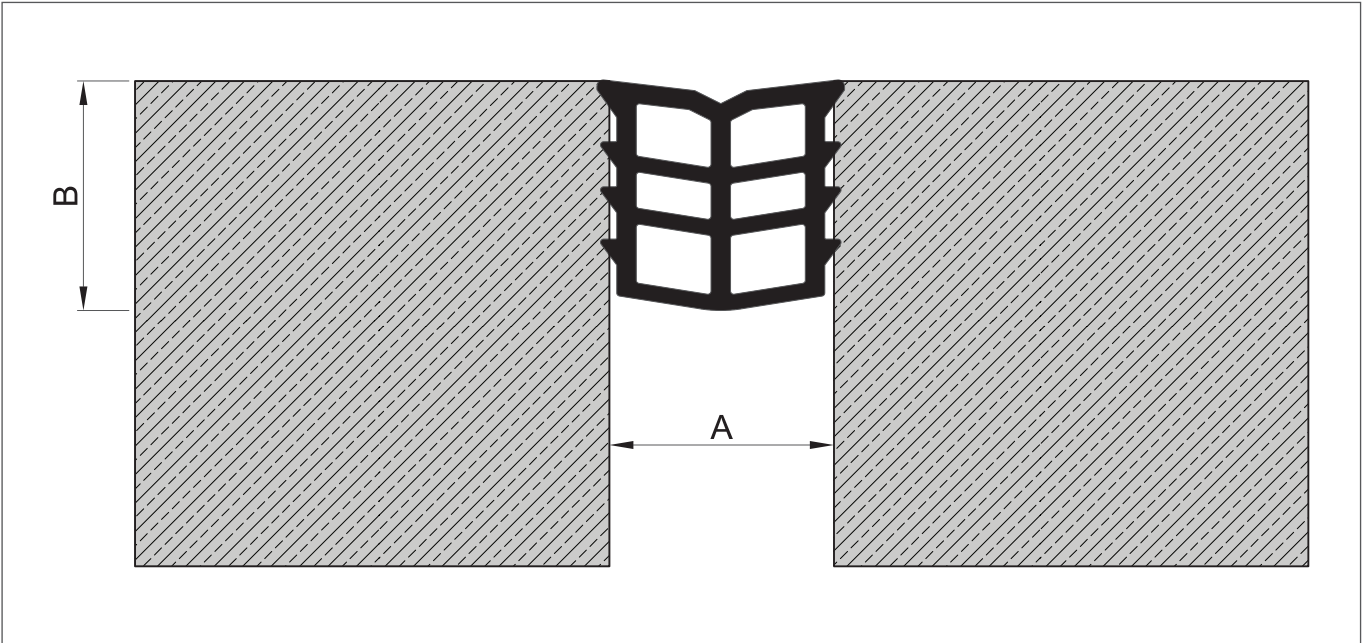
NPR 12.5

EXPANSION JOINT FOR FLOORS AND WALLS 10 - 15 mm Expansion Gap

Features	
Surface	Rubber Seal
System Options	
Gap width(s)	10 - 15 mm
Height(s)	17 mm
Seal Color(s)	Black



Type	Joint Width A [mm]	Installation Depth B [mm]	Total Movement [mm]	Load Capacity 
NPR 12.5	10 - 15	17	10 (+5-5)	Private Cars



EXPANSION JOINT

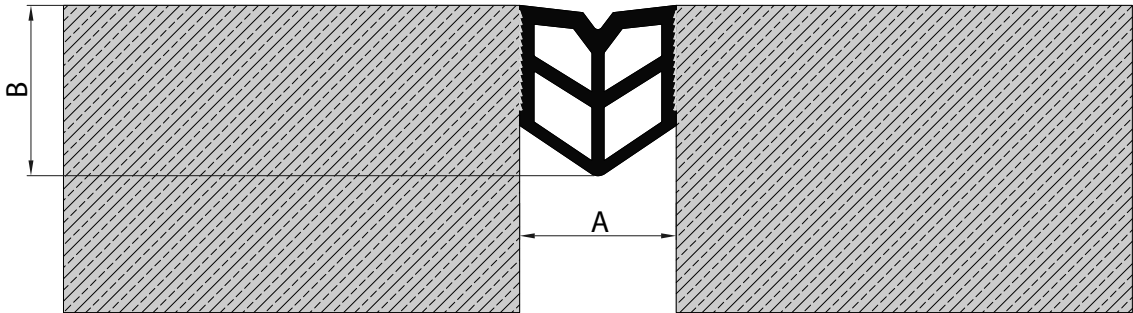
FLOOR TO FLOOR; FLOOR TO WALL

20 - 75 mm Expansion Gap

Features	
Surface	Rubber Seal
System Options	
Gap width[s]	20 - 75 mm
Height[s]	64 mm
Seal Color[s]	Black



Type	Joint Width A [mm]	Installation Depth B [mm]	Total Movement [mm]	Load Capacity 
NPR 20	20	50	15 (7.5-7.5)	Private Cars
NPR 25	25	64	20 (+10-10)	Private Cars
NPR 35	35	64	30 (+15-15)	Private Cars
NPR 50	50	64	40 (+20-20)	Private Cars
NPR 75	75	64	50 (+25-25)	Private Cars



NPR 100

EXPANSION JOINT

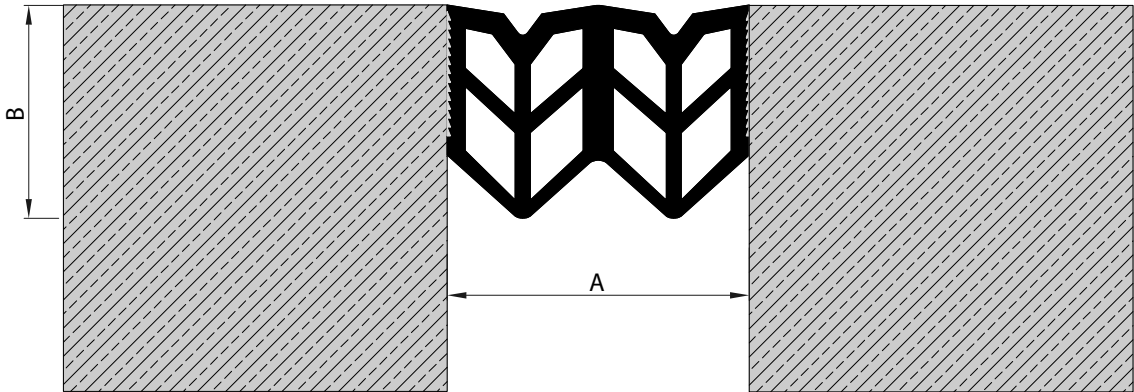
FLOOR TO FLOOR; FLOOR TO WALL

100 mm Expansion Gap

Features	
Surface	Rubber Seal
System Options	
Gap width[s]	100 mm
Height[s]	64 mm
Seal Color[s]	Black
Waterproofing	Water tight



Type	Joint Width A [mm]	Installation Depth B [mm]	Total Movement [mm]	Load Capacity 
NPR 100	100	64	80 (+40-40)	Vehicle



EXPANSION JOINT

FLOOR TO FLOOR; FLOOR TO WALL - WATER BARRIER

120 - 225 mm Expansion Gap

Features

Surface Rubber Seal

System Options

Gap width(s) 120-250 mm

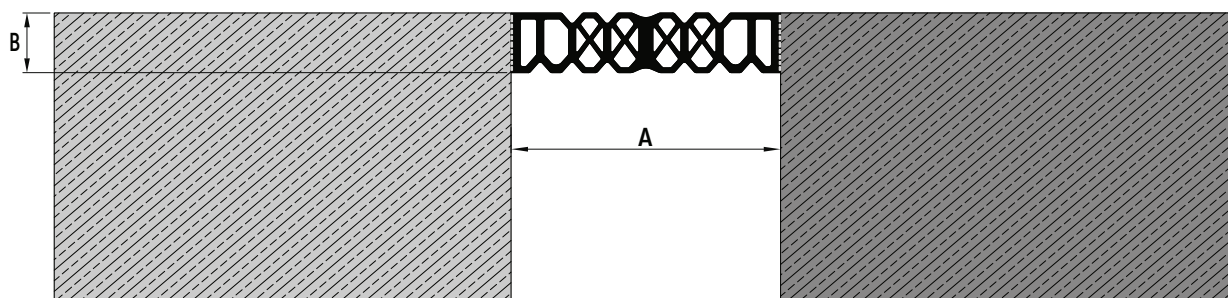
Height(s) 64 mm

Seal Color(s) Black

Waterproofing Water tight



Type	Joint Width A [mm]	Installation Depth B [mm]	Total Movement [mm]
NPR 120	120	52	84 (+42-42)
NPR 125	125	52	90 (+45-45)
NPR 150	150	50	100 (+50-50)
NPR 175	175	50	110 (+50-60)
NPR 200	200	50	125 (+50-75)
NPR 225	225	50	135 (+50-85)
NPR 250	250	55	150 (+50-100)



EXPANSION JOINT
FLOOR TO FLOOR

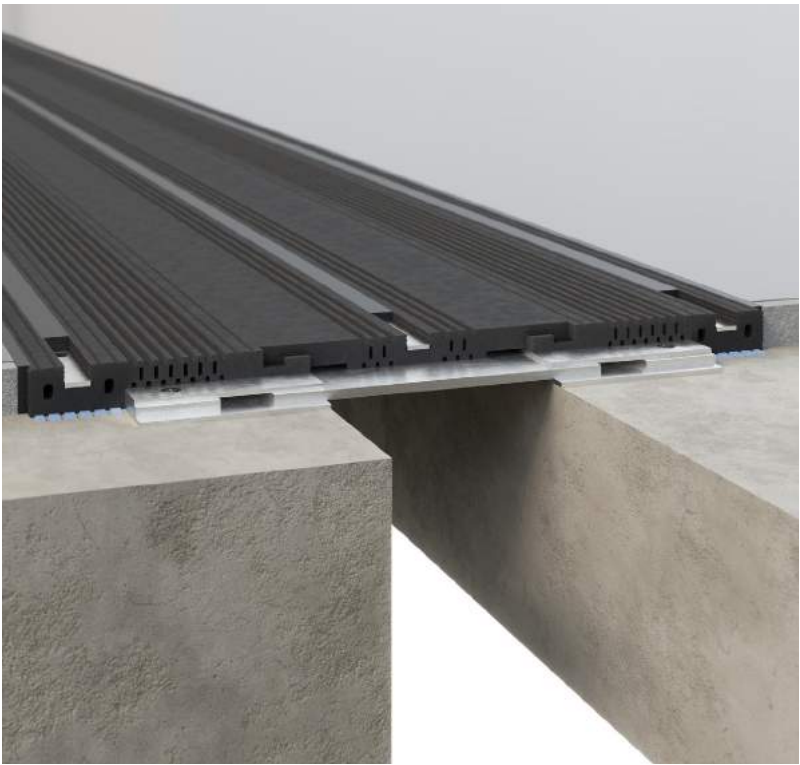
100 - 250 mm Expansion Joint Width

Features

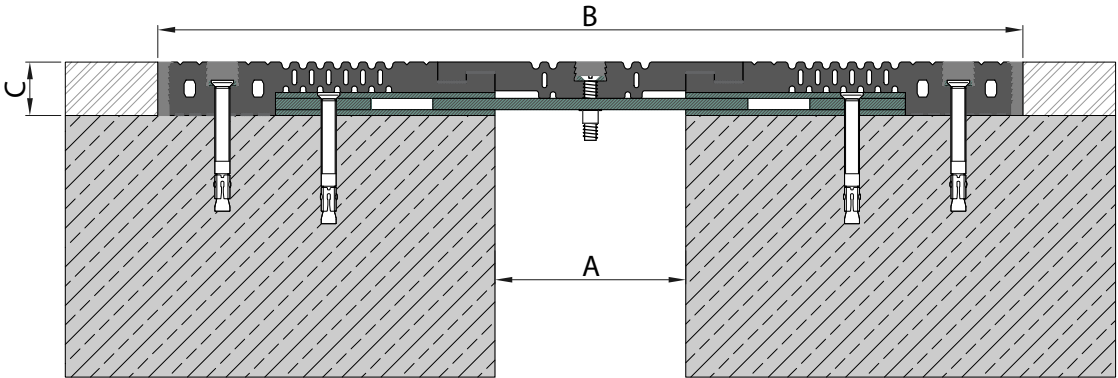
Surface	Aluminium Strips Rubber Insert
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System Options

Joint width(s)	100 - 250 mm
Height(s)	28 mm
Seal Color(s)	Black



Type	Joint Width A [mm]	Visible Width B [mm]	Installation Height C [mm]	Total Movement [mm]	Load Capacity 
NPP 100	100	453	28	125 (+60-65)	Private Cars
NPP 150	150	503	28	125 (+60-65)	Private Cars
NPP 200	200	553	28	125 (+60-65)	Private Cars
NPP 250	250	603	28	125 (+60-65)	Private Cars



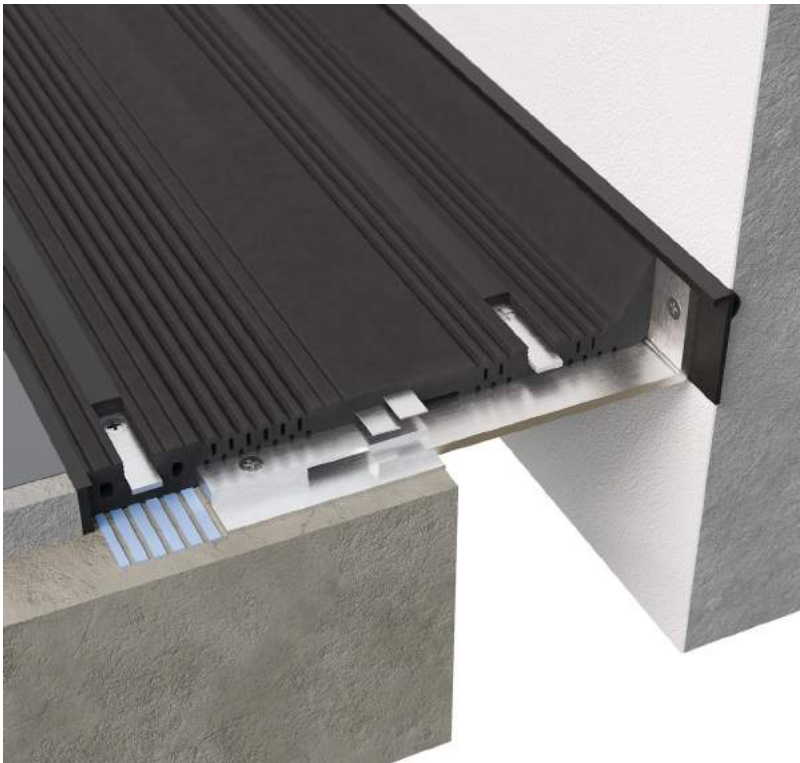
NPP-C

EXPANSION JOINT

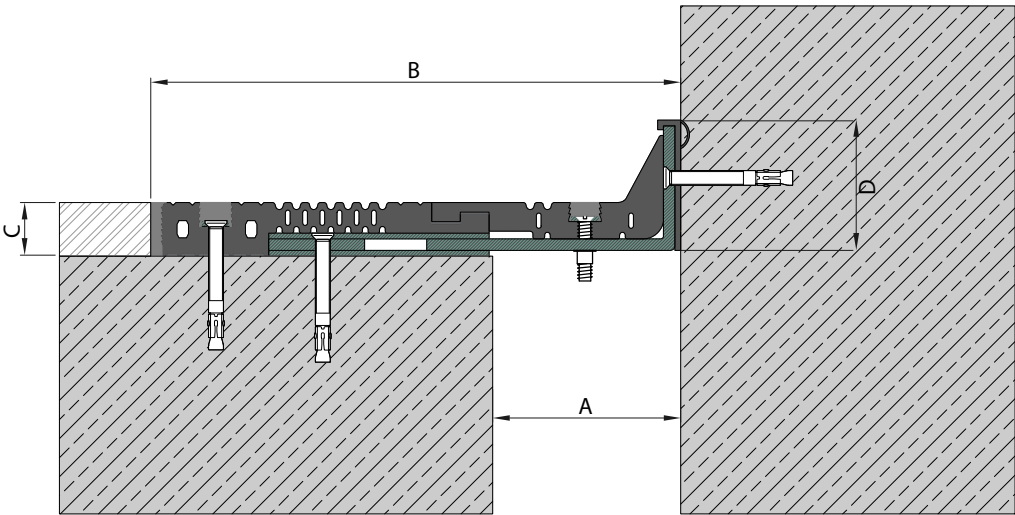
FLOOR TO WALL

100 - 250 mm Expansion Joint Width

Features	
Surface	Aluminium Strips Rubber Insert
System Options	
Joint width(s)	100 - 250 mm
Height(s)	28 mm
Seal Color(s)	Black



Type	Joint Width A [mm]	Visible Width B [mm]	Installation Height C [mm]	Visible Height D [mm]	Total Movement [mm]	Load Capacity 
NPP 100C	100	278	28	68	125 (+60-65)	Private Cars
NPP 150C	150	327	28	68	125 (+60-65)	Private Cars
NPP 200C	200	377	28	68	125 (+60-65)	Private Cars
NPP 250C	250	427	28	68	125 (+60-65)	Private Cars



EXPANSION JOINT

FLOOR TO FLOOR

100 - 250 mm Expansion Joint Width

Features

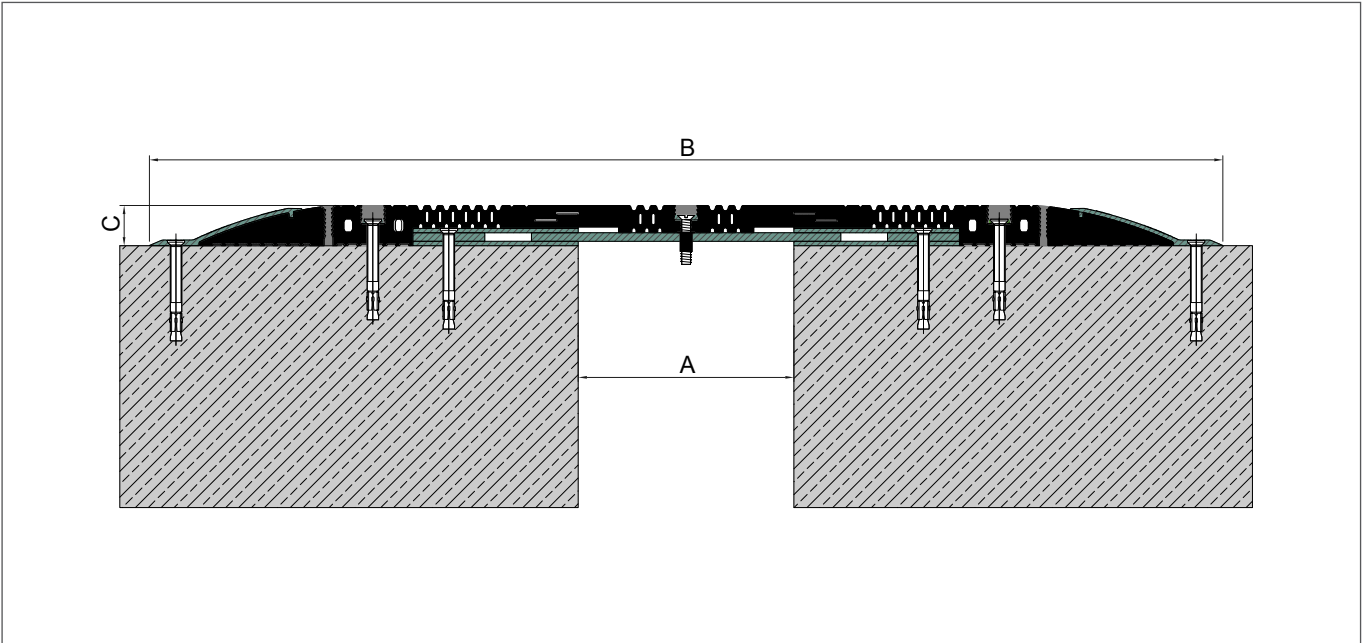
Surface	Aluminium Strips Rubber Insert
---------	-----------------------------------

System Options

Joint width(s)	100 - 250 mm
Height(s)	28 mm
Seal Color(s)	Black



Type	Joint Width A [mm]	Visible Width B [mm]	Installation Height C [mm]	Total Movement [mm]	Load Capacity 
NPPH 100	100	697	28	125 (+60-65)	Private Cars
NPPH 150	150	747	28	125 (+60-65)	Private Cars
NPPH 200	200	797	28	125 (+60-65)	Private Cars
NPPH 250	250	847	28	125 (+60-65)	Private Cars



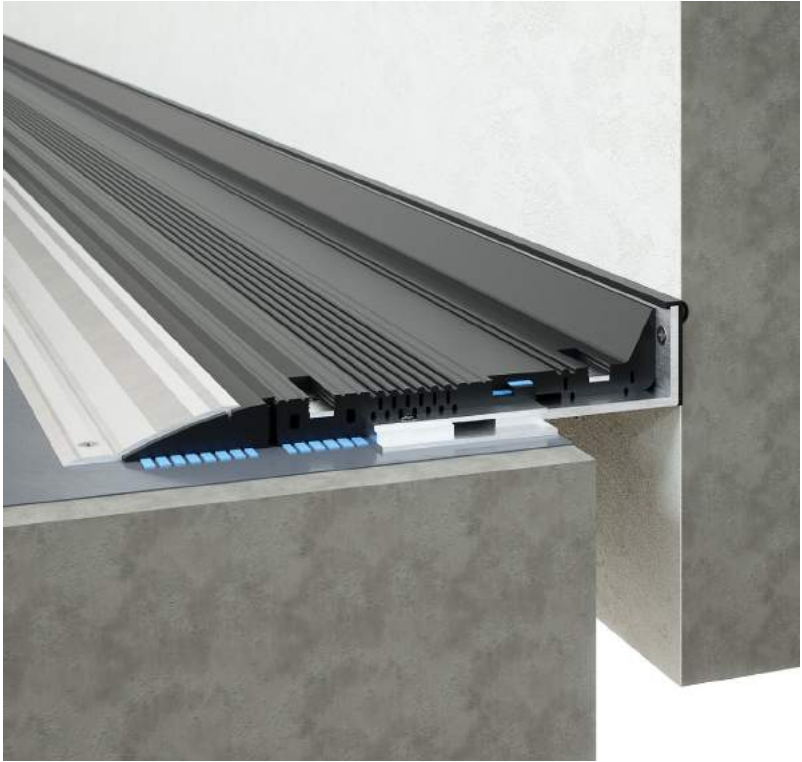
NPPH-C

EXPANSION JOINT

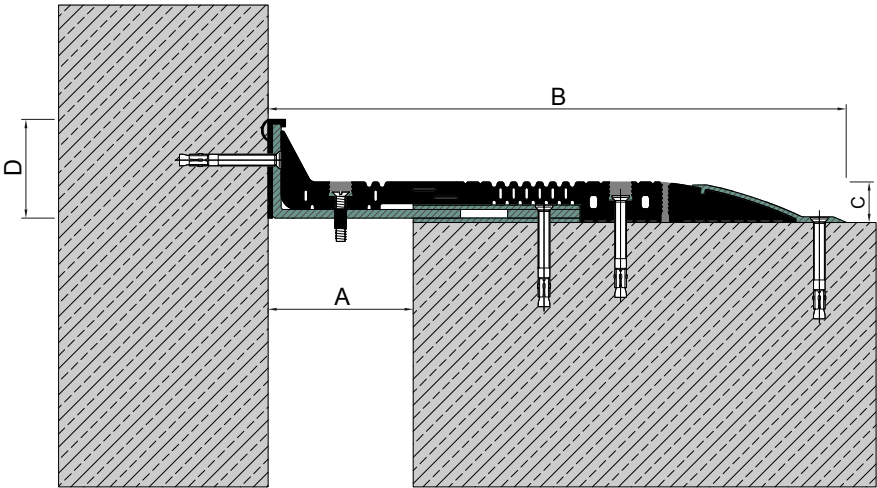
FLOOR TO WALL

100 - 250 mm Expansion Joint Width

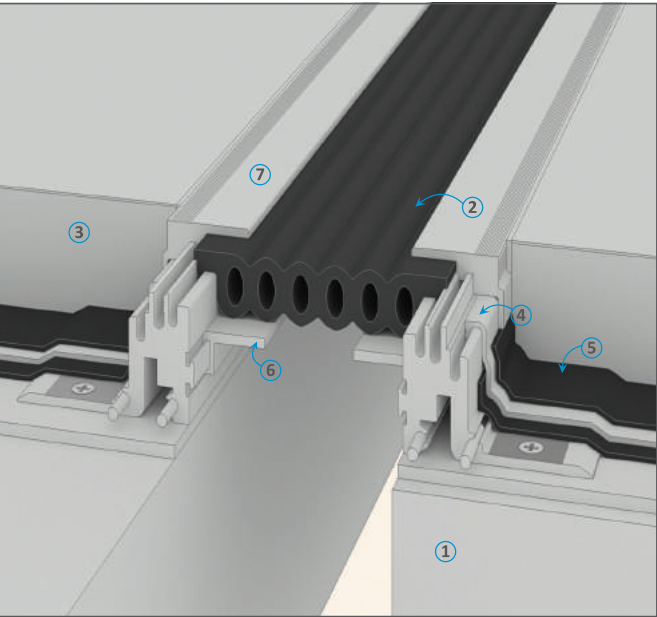
Features	
Surface	Aluminium Strips Rubber Insert
System Options	
Joint width(s)	100 - 250 mm
Height(s)	28 mm
Seal Color(s)	Black



Type	Joint Width A [mm]	Visible Width B [mm]	Installation Height C [mm]	Total Height D [mm]	Total Movement [mm]	Load Capacity 
NPPH 100C	100	400	28	68	62 (+30-32)	Private Cars
NPPH 150C	150	450	28	68	62 (+30-32)	Private Cars
NPPH 200C	200	500	28	68	62 (+30-32)	Private Cars
NPPH 250C	250	550	28	68	62 (+30-32)	Private Cars



Waterproofing Membrane System that encapsulates Expansion Joints in Floors and Roofs



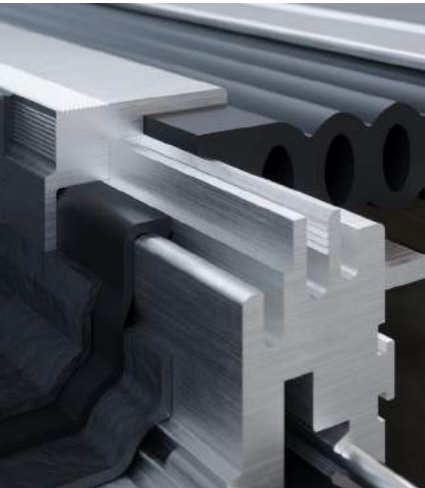
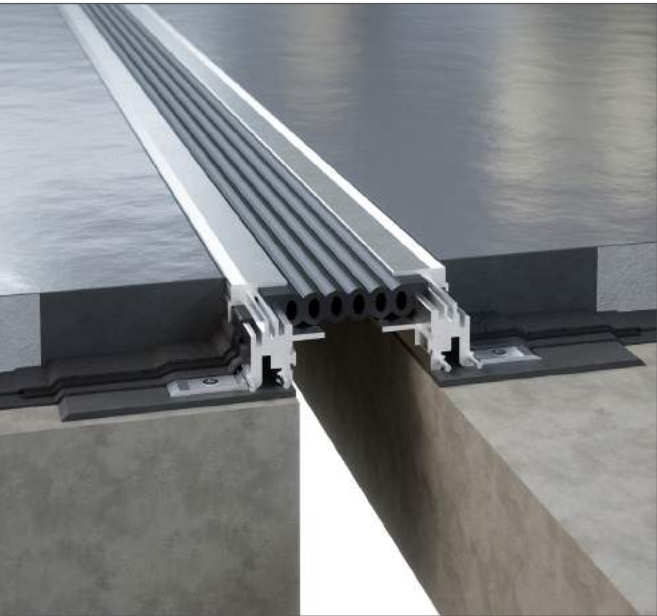
- 1 - Concrete Slab.
- 2 - Waterproof EPDM Gasket Fitted over the Expansion Joint Gap.
- 3 - Non Shrinkage Grouting.
- 4 - EPDM Rubber inlay encapsulated between the membrane layers.
- 5 - Waterproof Membrane bonded to the sides of the Expansion Joint and cross linked to the Membrane bonded to the Substrate Framing and completely Water Tight Envelope.
- 6 - Aluminium support to hold the Centre Gasket from any settlement.
- 7 - Aluminium Cappings for Secure Fixings.

Features

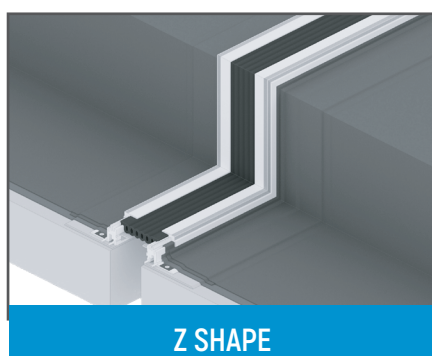
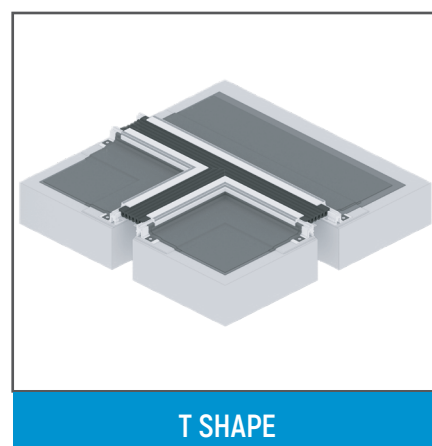
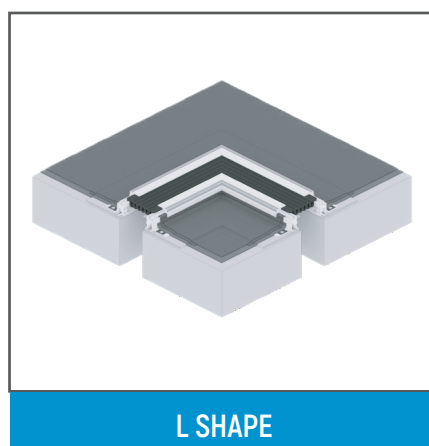
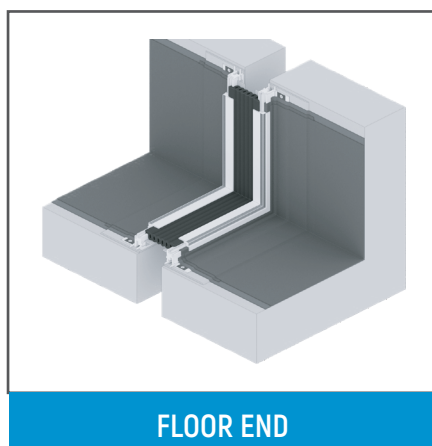
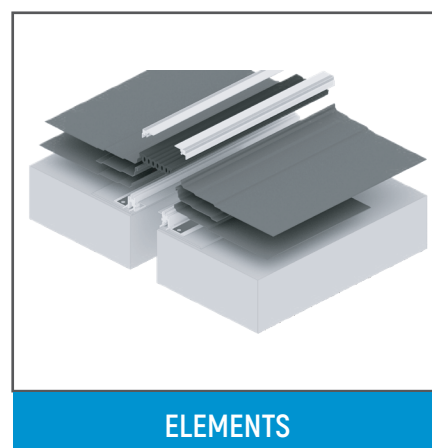
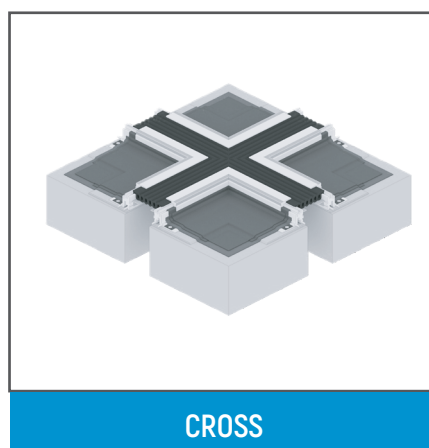
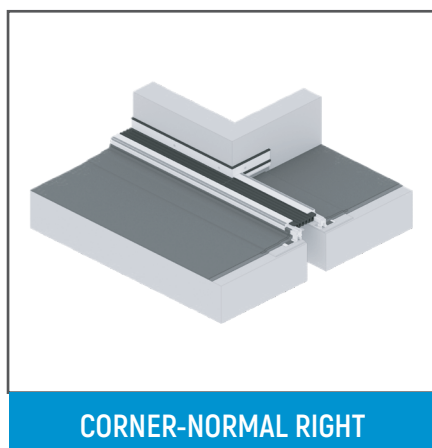
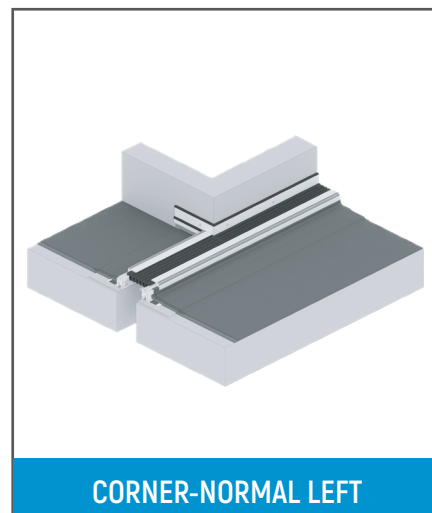
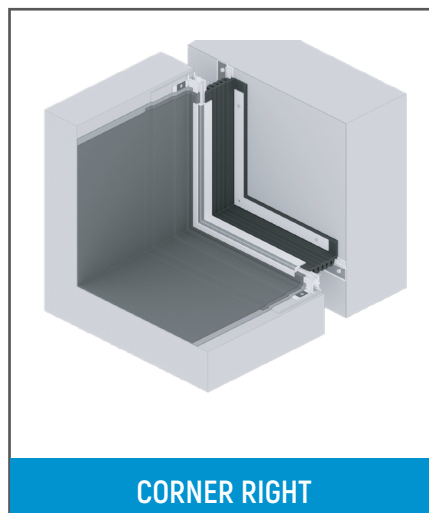
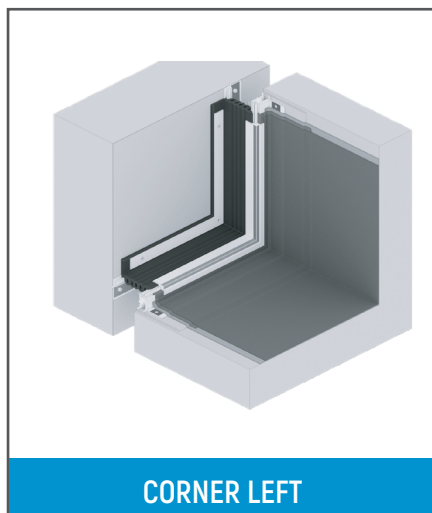
Easy to Install	Factory transition pre-assembly
High Load Capacity	100% Water Tightness
Movement	High Movement Capacity
Surface	Aluminum Strips Rubber Insert

System Options

Joint width(s)	300 - 50 mm
Height(s)	65 - 55 mm
Metal Types(s)	Aluminium 6063, T6
Seal Color(s)	Black
Waterproofing	Watertight



UWTP INTERSECTION

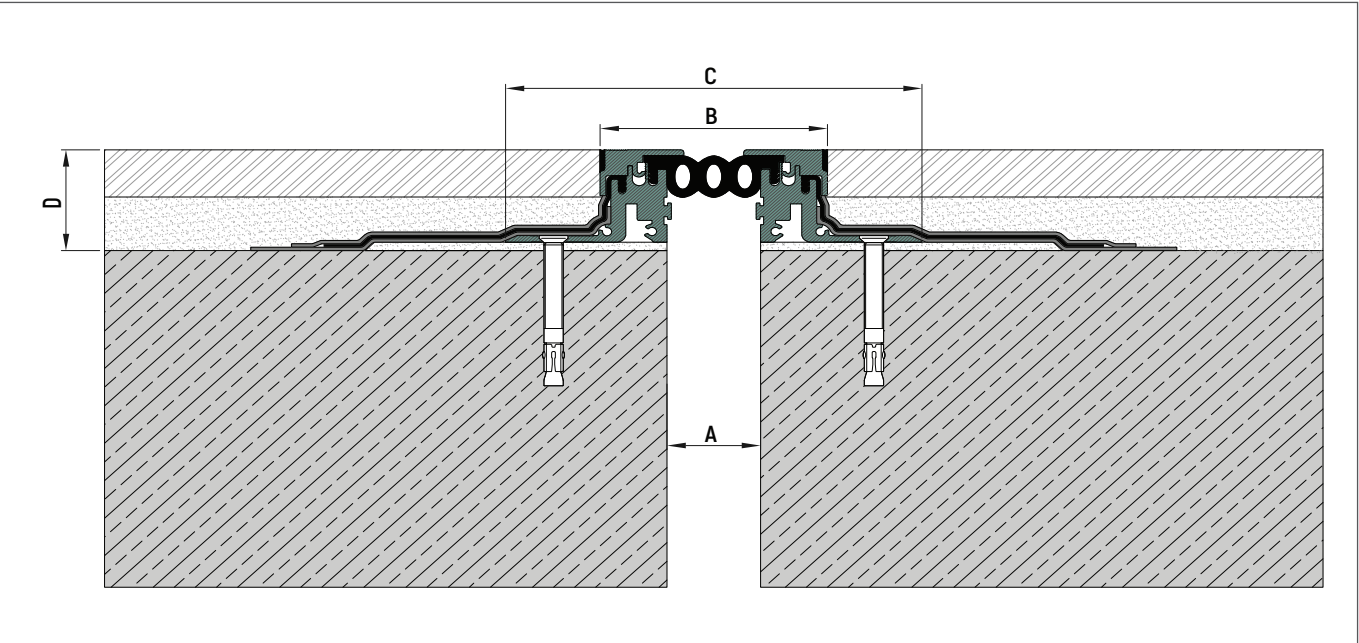


UWTP 50

WATER PROOF EXPANSION JOINT
 FLOOR TO FLOOR
 50 mm Expansion Joint Width



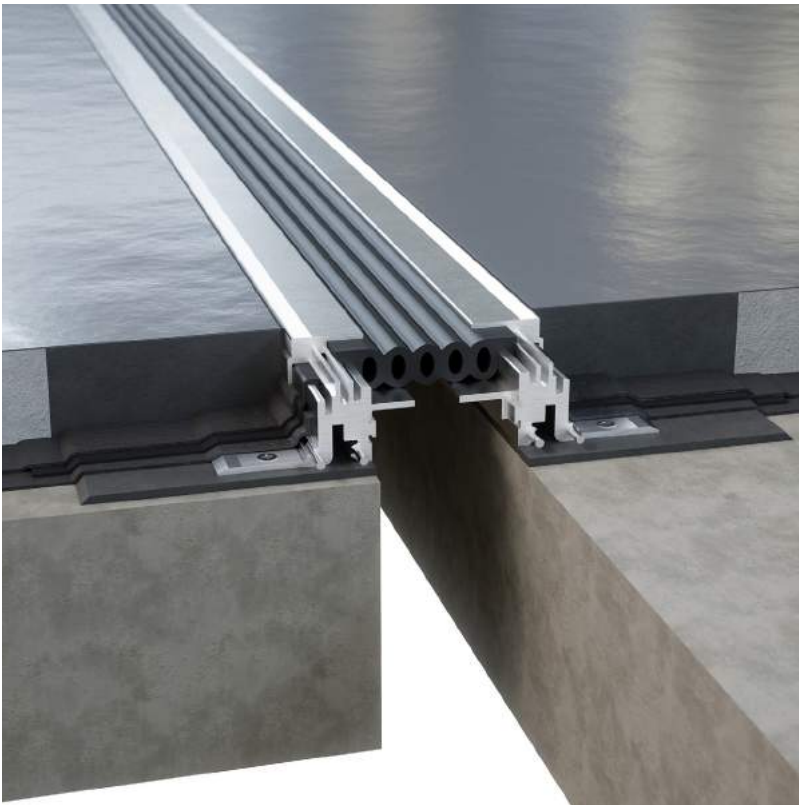
Type	Joint Width A [mm]	Visible Width B [mm]	Installation Width C [mm]	Installation Height D [mm]	Total Movement [mm]	Load Capacity 
UWTP 50	50	120	225	55	50 (+25-25)	Vehicle



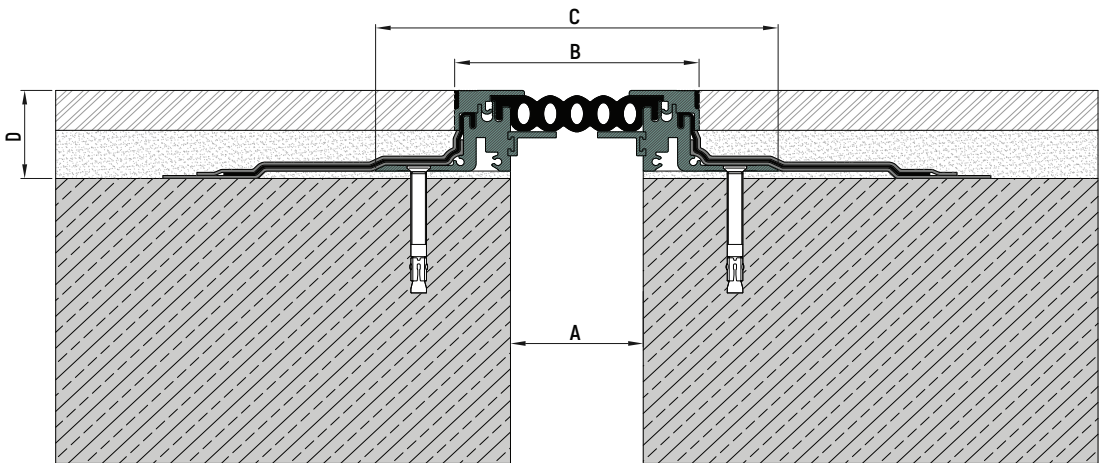
UWTP 85

WATER PROOF EXPANSION JOINT FLOOR TO FLOOR

85 mm Expansion Joint Width



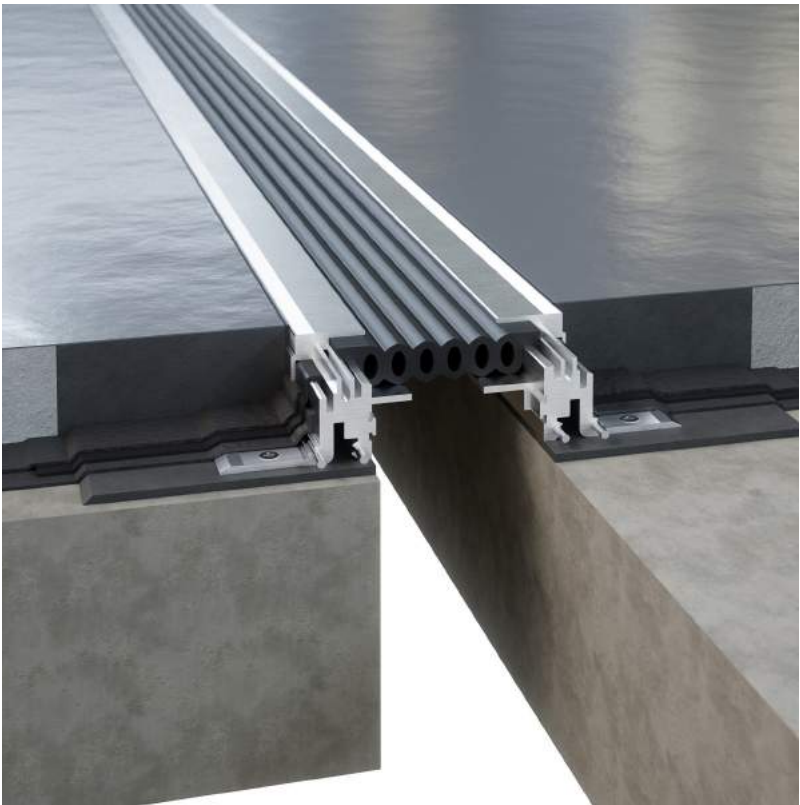
Type	Joint Width A [mm]	Visible Width B [mm]	Installation Width C [mm]	Installation Height D [mm]	Total Movement [mm]	Load Capacity 
UWTP 85	85	155	260	55	60 (+35-25)	Vehicle



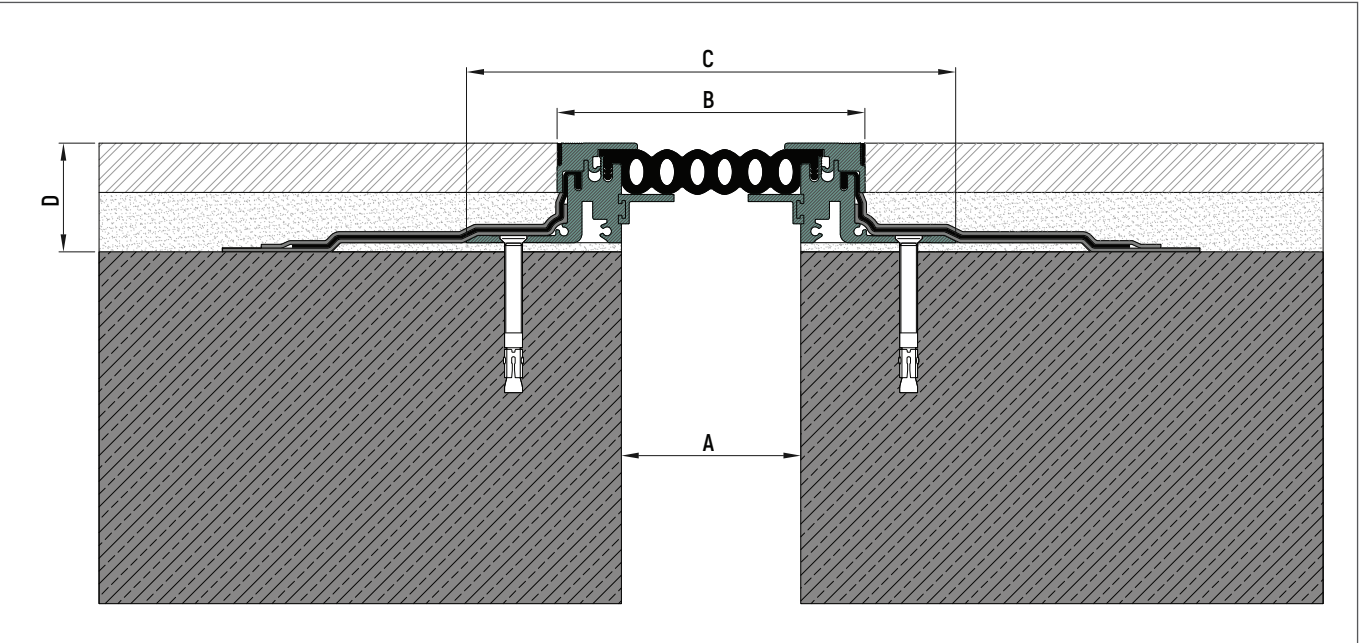
UWTP 100-150

WATER PROOF EXPANSION JOINT FLOOR TO FLOOR

100 - 150 mm Expansion Joint Width



Type	Joint Width A [mm]	Visible Width B [mm]	Installation Width C [mm]	Installation Height D [mm]	Total Movement [mm]	Load Capacity 
UWTP 100	100	170	275	55	85 (+45-40)	Vehicle
UWTP 150	150	220	325	55	100 (+50-50)	Vehicle



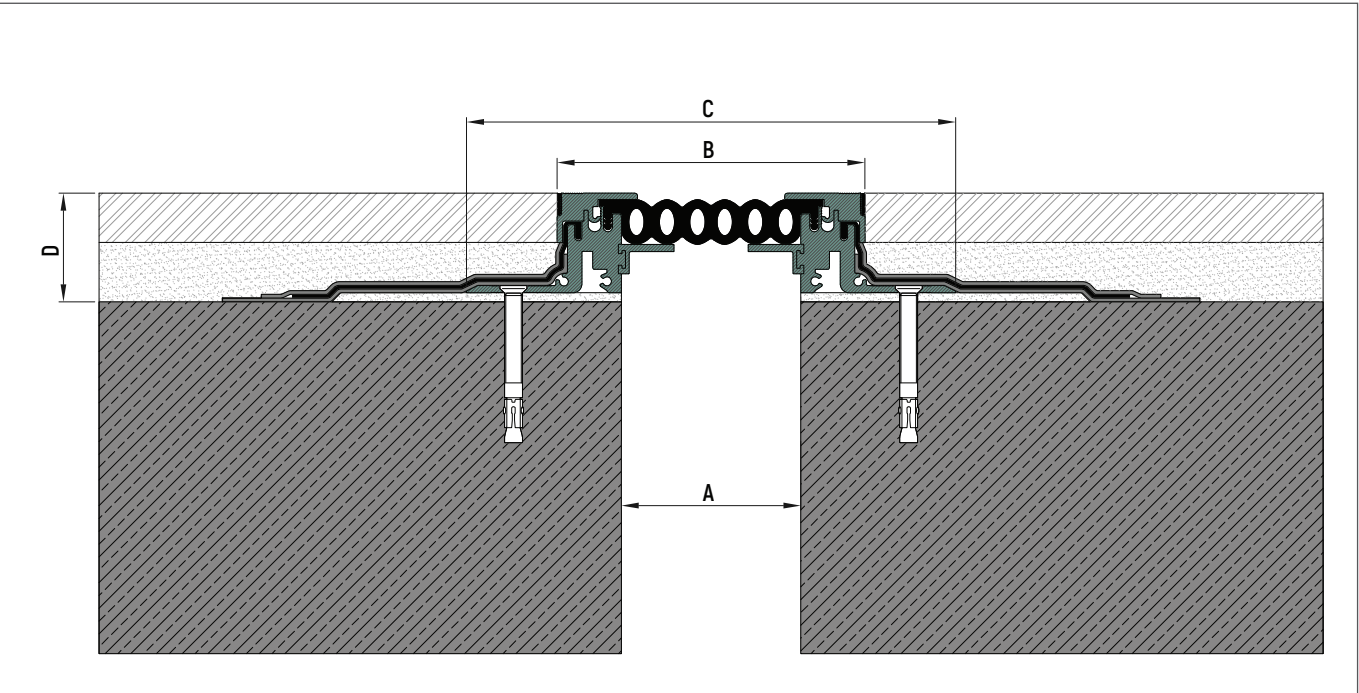
UWTP 200-250

WATER PROOF EXPANSION JOINT FLOOR TO FLOOR

200 - 250 mm Expansion Joint Width



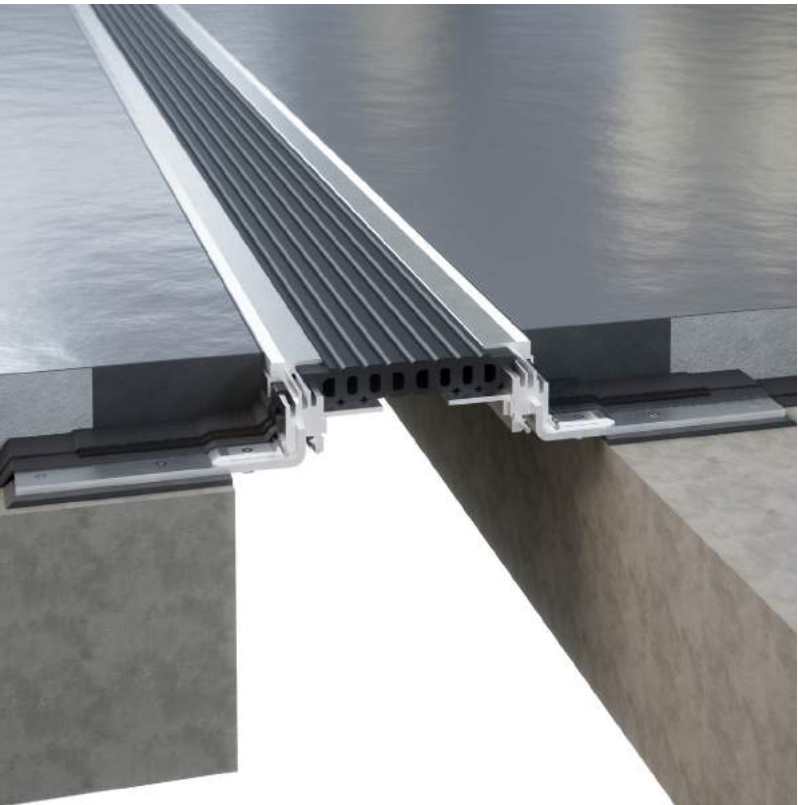
Type	Joint Width A [mm]	Visible Width B [mm]	Installation Width C [mm]	Installation Height D [mm]	Total Movement [mm]	Load Capacity 
UWTP 200	200	220	520	65	100 (+50-50)	Vehicle
UWTP 250	250	220	520	65	100 (+50-50)	Vehicle



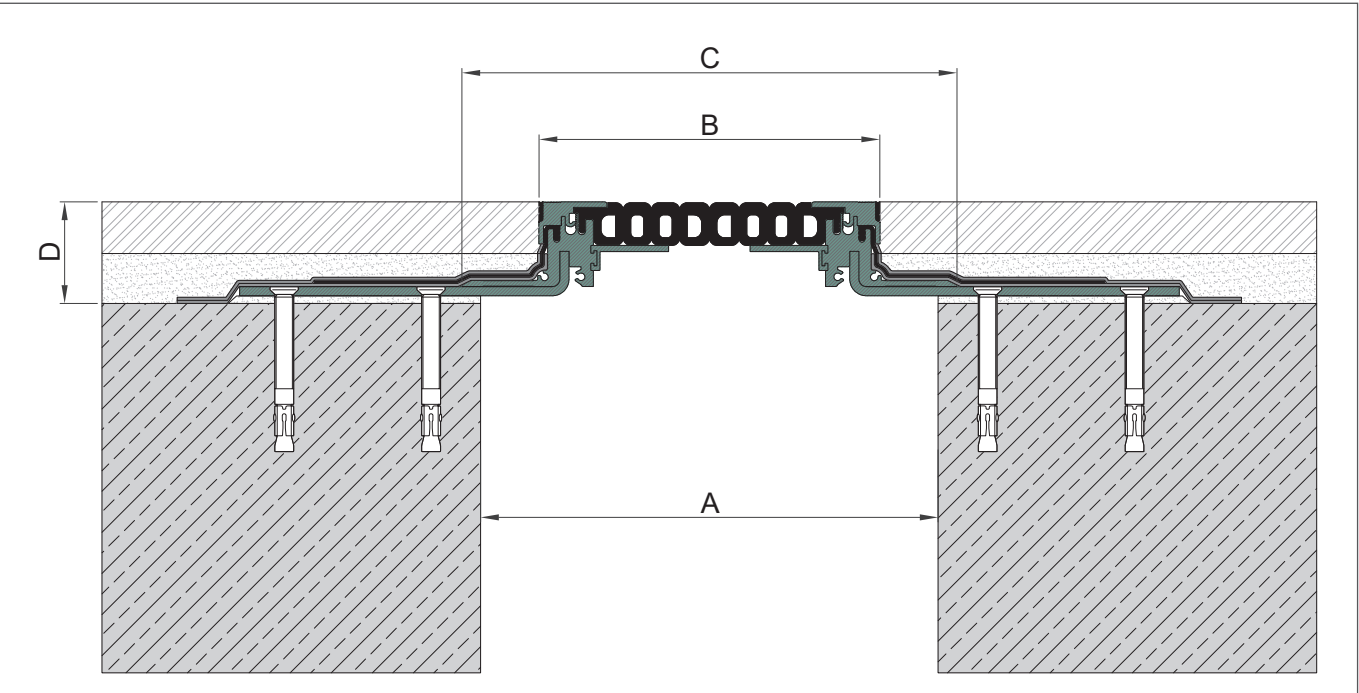
UWTP 300

WATER PROOF EXPANSION JOINT FLOOR TO FLOOR

300 mm Expansion Joint Width



Type	Joint Width A [mm]	Visible Width B [mm]	Installation Width C [mm]	Installation Height D [mm]	Total Movement [mm]	Load Capacity 
UWTP 300	300	220	620	65	100 (+50-50)	Vehicle



UWTP-C

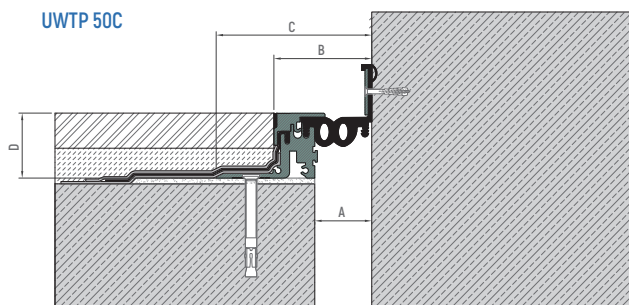
WATER PROOF EXPANSION JOINT FLOOR TO FLOOR

50 - 300 mm Expansion Joint Width

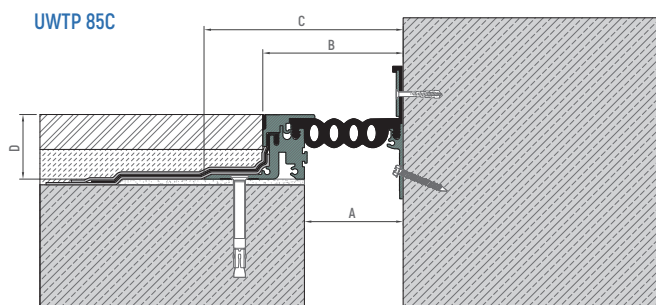


Type	Joint Width A [mm]	Visible Width B [mm]	Installation Width C [mm]	Installation Height D [mm]	Total Movement [mm]	Load Capacity 
UWTP 50C	50	86	137	55.5	50 (+25-25)	Vehicle
UWTP 85C	85	121	172	55.5	60 (+35-25)	Vehicle
UWTP 100C	100	136	187	55.5	85 (+45-40)	Vehicle
UWTP 150C	150	188	239	55.5	100 (+50-50)	Vehicle
UWTP 200C	200	212	263	55.5	120 (+60-60)	Vehicle
UWTP 250C	250	237	288	55.5	140 (+70-70)	Vehicle
UWTP 300C	300	262	312	55.5	160 (+80-80)	Vehicle

UWTP 50C



UWTP 85C



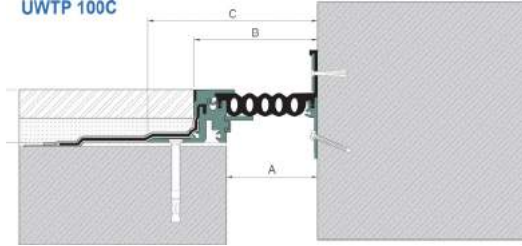
UWTP-C

WATER PROOF EXPANSION JOINT

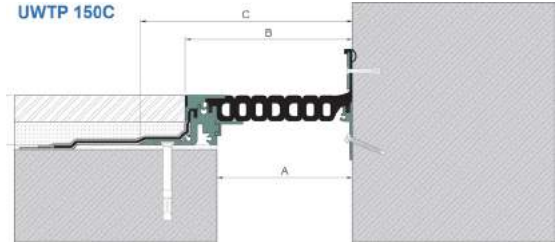
FLOOR TO WALL

50 - 300 mm Expansion Joint Width

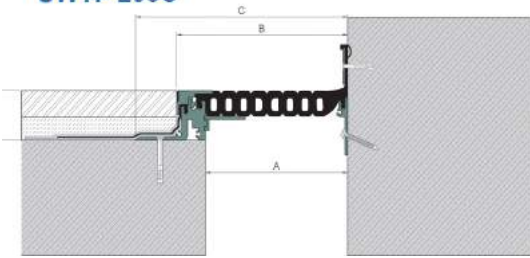
UWTP 100C



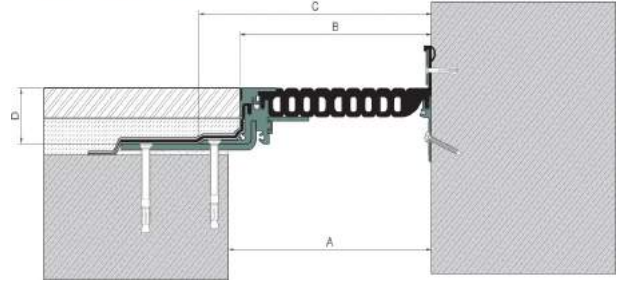
UWTP 150C



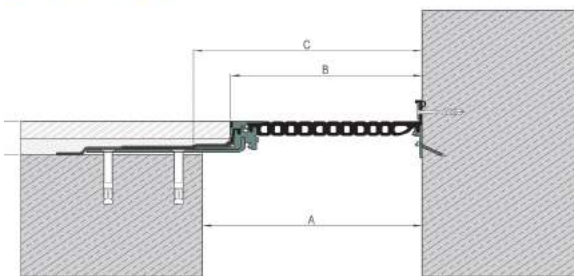
UWTP 200C



UWTP 250C



UWTP 300C



Nexus Fire Barrier NFB

Floor to Floor | Floor to Wall

35 - 350 mm (1.4 - 14") Expansion joint

A01- Floor to Floor

A02 - Floor to Wall

NEXUS Fire Barriers for vertical and horizontal expansion joint gaps with minimum movement capacity 50% of the joint width. Designed for Floor& Wall Gaps for 2 hours fire rated requirement and suitable for gap widths ranging from 50 - 350mm.

Features

- High movement capacity Min 50%
- UL - 2079
- ASTM E-1399

Use

Fire Barrier for vertical and horizontal expansion joint gaps with minimum movement capacity 50% of the joint width

Material

Protective lamination made of 0.05mm stainless steel AISI 304 with melting point 1400C

Core

Fire blanket 128kg/M³ density.

Product Length

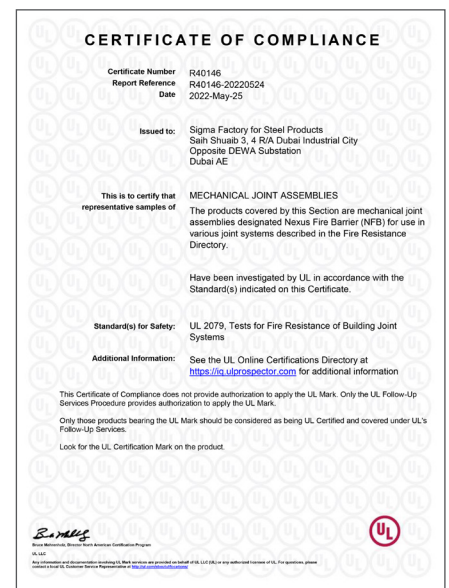
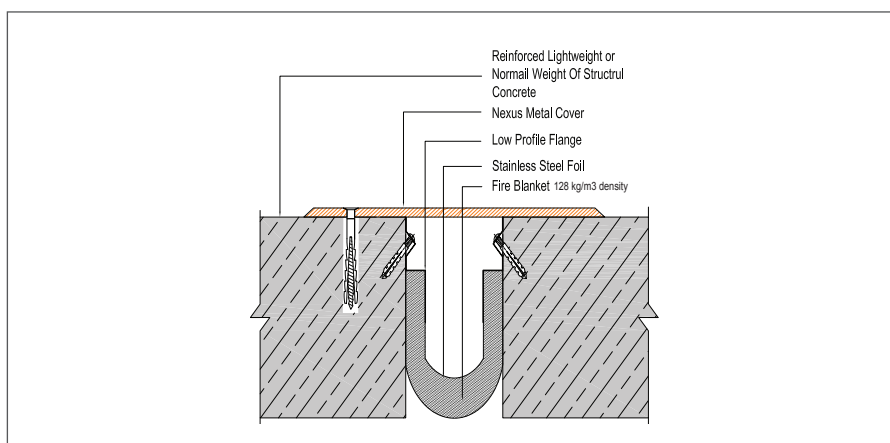
Standard production length will be 3 meter other length possible upon request

Applications

Designed for floor to floor & floor to wall gaps For 2 hours Fire rated requirement . Suitable for gap sizes from 35-350 mm



System Options	
Gap width(s)	35, 50, 100, 150, 200, 250, 300, 350 mm
Metal type(s)	Stainless Steel foil
Color(s)	Stainless Steel, Standard Color
Fire barrier	UL 2079: 120 minutes
Accessories	Low Profile Flange, Surface Mount Flange



Fire Barrier Selection Criteria				Load Rating		Product Details		
Joint Location	Gap Width	Movement Capacity (mm)		Product Dimension		Product Dimension		Remarks
	B(mm)	±		L.W.H		Weight kg/LM		
	Code	Gap Size	Movement Capacity					
Floor - Floor	35	± 50%	-	-	-	-	-	NFB - 2FF
	50	± 50%						NFB - 2FF
	100	± 50%						NFB - 4FF
	150	± 50%						NFB - 6FF
	200	± 50%						NFB - 8FF
	250	± 50%						NFB - 10FF
	300	± 50%						NFB - 12FF
	350	± 50%						NFB - 14FF
2 Hour Fire Rated (120 mins)								
Floor - Wall	35	± 50%	-	-	-	-	-	NFB - 2FW
	50	± 50%						NFB - 2FW
	100	± 50%						NFB - 4FW
	150	± 50%						NFB - 5FW
	200	± 50%						NFB - 6FW
	250	± 50%						NFB - 8FW
	300	± 50%						NFB - 10FW
	350	± 50%						NFB - 12FW

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