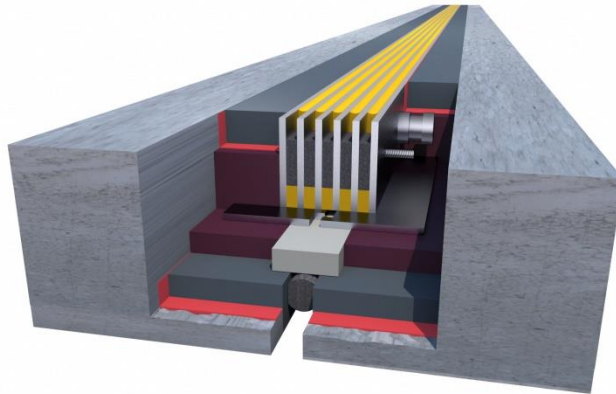


EUROX EDS joint profile

Liquid-tight, highly mechanically and chemically resistant joint profile



- Fugenprofil: EUROX EDS Fugenprofil
- Fixierverguss: EURODUR EPV 0411 groundfix
- Dichtstoff: EUROLASTIC TC 30 G
- Mörtel: EUROREPAIR PC 96
- Haftgrund: EUROREPAIR HG 96
- Hinterfüllmaterial: PE-Rundschnur (geschlossen-zellig)

Product description

The **EUROX EDS joint profile** is a liquid-tight, highly mechanically and chemically resistant joint profile. When used with our fast installation products, the **EUROX EDS joint profile** is ready for traffic after 24 hours.

The **EUROX EDS joint profile** is a combination of stainless steel lamellas, cellular rubber and double factory-installed resilient seals. The lamellar structure guarantees outstanding mechanical strength. The resilient seal offers double security, because it is integrated into both the upper and lower sections of the joint profile. The factory prefabricated expansion joint profiles and moulded parts are ideally suited for the construction and renovation of joints in building components and connection joints in areas subject to vehicle and pedestrian traffic.

Area of application

- Connecting electrostatically conductive surfaces to an earthing cable
- Parking garages
- Underground garages
- Transitions between ramps and halls
- Taxiways and pedestrian bridges
- Production and storage areas
- Food industry



Product characteristics

- liquid-tight
 - electrically conductive (electrostatically conductive surfaces)
 - high chemical resistance
 - extremely high load-bearing capability due to lamellar structure
 - may be driven over by pneumatic and vulcanised tires
 - cars / trucks: 600kN
 - industrial trucks / forklifts: 150kN
 - pallet trucks / hard rollers: 6.5kN
 - weatherproof
 - rustproof
 - no slipping hazard
 - three-dimensional movement absorption
 - high movement and load absorption capability
 - trafficable without vibration
 - for more exacting hygiene requirements
 - floor covering types: in-situ concrete, screed, epoxy resin screed, coating, tiles. mastic asphalt and semi-rigid coverings available on request
- By the force-locking anchoring of the **EUROX EDS joint profile** with the EURODUR EPV 0411 resin, contact corrosion / galvanic corrosion between the stainless steel and the black steel of adjacent reinforcement is prevented.

Colour

black, grey
special colours available on request

System features

- double seal due to two separate sealing planes
- no screws or welding necessary
- locally repairable
- retrofit installation possible
- maintenance-free
- variable profile heights, widths and lengths
- low installation height and width
- level connection
- visible upper seal
- easy to clean
- high visual appeal
- profiles are factory-prefabricated



Dimensions and shapes

- Longitudinal composite 1 = 2,923.1 mm (LC1 can be joined as often as desired in straight joints)
- Longitudinal composite 2 = 2,908.4 mm (connection piece to LC1 and all shaped pieces)
- Profiles with greater movement absorption or profile widths, heights and lengths are available on request.
- L-shape (connection for 90° corner / connection possible from 2 sides)
- T-shape (for vertical connection to a straight joint / connection possible from 3 sides)
- X-shape (connection possible from 4 sides / 90+180+270+360°)
- Wall and column connections available on request.
- Special shapes possible. The profile system and shaped pieces are manufactured in accordance with the constructional circumstances.

Substrate pre-treatment

The substrate temperature must be between +5°C and +35°C, and at least 3°C above the prevailing dew point temperature. At the time of installation, the bonding surfaces must be clean, free of oil and grease, dry and free of substances that could prevent adhesion.

Concrete substrates must be prepared by grinding, sandblasting or wire brushing. Spalling, rust and all coatings on metal must be removed by sandblasting or grinding.

Backing

Backing material is only required if the joint substrate is damaged, mechanically or otherwise.

Installation

Detailed instructions for **EUROX EDS joint profile** can be found in the installation instructions

Approximate sequence:

- Mark installation recess
 - Measure and mark area to be cut
 - Cut installation recess
 - Clear installation recess
 - Prepare installation recess
 - Re-profile (if necessary)
 - Installation temperature must be **at least +10°C** when embedding the joint profile
 - Insert and align the joint profiles
- Embed the joint profiles
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We recommend installation by trained and certified specialist companies, supported by the factory's own application technicians, if necessary.

Consumption	1 m per running metre
Cleaning	Fresh material can be removed from tools using EUROLASTIC Cleaner G. Mechanical cleaning will be required if the material has fully cured.
Packaging	The EUROX EDS joint profile is packed and delivered in wooden boxes as LC1 in 2,923.1 mm long rods and as LC2 in 2,908.4 mm long rods.
Storage and shelf life	Will last indefinitely when stored in original packaging at temperatures up to 35°C.
Special instructions / protective measures	Cured EUROTEX EDS joint profile is physiologically harmless. Suitable protective clothing must be worn when working. Waste and containers must be disposed of in a safe manner. Avoid release into the environment. Completely empty containers can be returned to the KBS/Interseroh recycling system.



Technical data in mm

Type	No. of lamellas	Bridgeable joint slot	Expansion absorption		Profile dimensions LC2			Visible profile width	Installation recess	
			Compression 10%	Extension 40%	Width	Height	Length		Width	Depth
34340	4	15	1.5	6	69	43	2,908	27	84	70
36340	6	25	2.5	10	85	43	2,908	43	100	70
38340	8	35	3.5	14	101	43	2,908	59	116	70
310340	10	45	4.5	18	117	43	2,908	75	132	70
312340	12	55	5.5	22	133	43	2,908	91	148	70
314340	14	65	6.6	26	149	43	2,908	107	164	70
316340	16	75	7.5	30	165	43	2,908	123	180	70
318340	18	85	8.5	34	181	43	2,908	139	196	70
320340	20	95	9.5	38	197	43	2,908	155	212	70

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