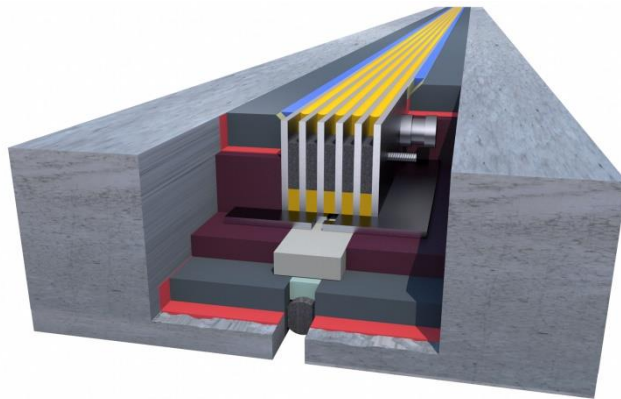


## EUROX EDS joint profile WHG

Building authority approved liquid-tight, highly mechanically and chemically resistant joint profile



- Fugendichtstoff: EUROLASTIC TC 30 G
- Fugenprofil: EUROX EDS Fugenprofil WHG
- Mörtel: EUROREPAIR PC 96 WHG
- Haftgrund: EUROREPAIR HG 96 WHG
- Haftgrund: EUROLASTIC Primer S2
- Fixierverguss: EURODUR EPV 0411 groundfix
- Kompriband
- Hinterfüllmaterial: PE-Rundschnur (geschlossen-zellig)
- Fugen-Dichtstoff

### Product description

The **EUROX EDS joint profile WHG** is a building authority approved, liquid-tight, highly mechanically and chemically resistant joint profile.

The **EUROX EDS joint profile WHG** is a combination of stainless steel lamellas and factory-installed double 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.

### Area of application

- Storage, filling and handling facilities for water-polluting substances (LAU) and facilities for the production, treatment and use of water-polluting substances (HBV) (with polysulphide seal)
- Connecting electrostatically conductive surfaces to an earthing cable
- Industrial areas in the chemical and petrochemical industry
- 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
- approved

By the force-locking anchoring of the **EUROX EDS joint profile WHG** with the EURODUR EPV 0411 resin, contact corrosion / galvanic corrosion between the stainless steel and the black steel of adjacent reinforcement is prevented.

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## Colour

Black

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## 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

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## 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.

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#### Substrate pre-treatment

The substrate temperature must be between +8°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.

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#### Backing

Make sure that the backer rod is compressed against the joint flanks and impact areas when installing a PE backer rod in the joint slot. Make sure that there are no holes or gaps. To prevent inflow of grout, the joint slot below must be sealed with a non-sag sealant.

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#### Installation

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

Approximate sequence:

- Mark installation recess
  - Measure and mark area to be cut
  - Cut/ clear/ prepare installation recess
  - Seal the existing joint slot
  - 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

We recommend installation by trained and certified specialist companies, supported by the factory's own application technicians, if necessary.



<b>Consumption</b>	1 m per running metre
<b>Cleaning</b>	Fresh material can be removed from tools using EUROLASTIC Cleaner G. Mechanical cleaning will be required if the material has fully cured.
<b>Packaging</b>	The <b>EUROX EDS joint profile WHG</b> 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.
<b>Storage and shelf life</b>	Will last indefinitely when stored in original packaging at temperatures up to 35°C.
<b>Tests / Approvals / Standards</b>	National technical approval for use in storage, filling and handling facilities for water-polluting substances
<b>Special instructions / protective measures</b>	Cured <b>EUROTEX EDS joint profile WHG</b> 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	
			(Approved total deformation = 25%)	Width	Height	Length		Width	Depth
36340	6	25	6.25	85	43	2,908	43	100	70

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