

 **GERMAN
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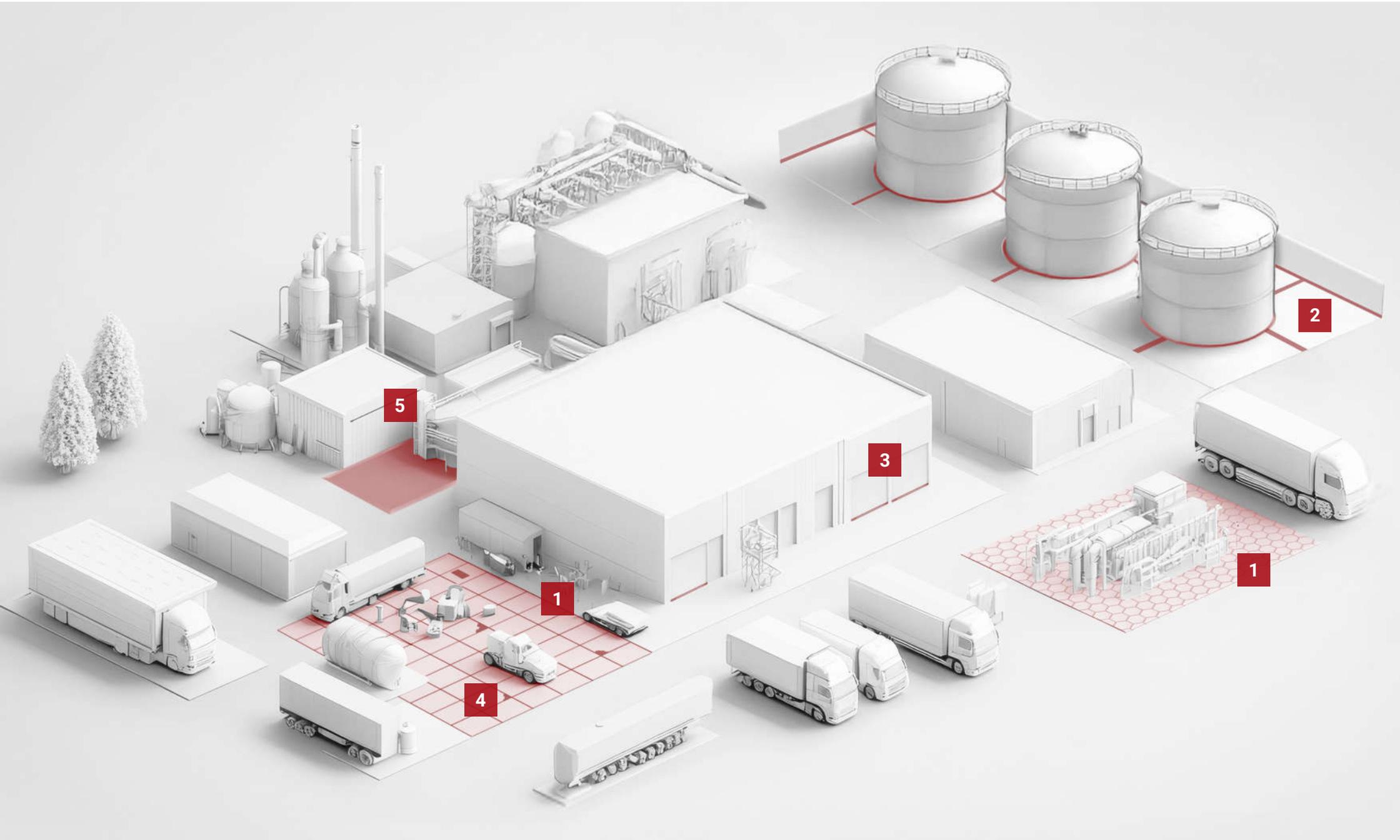


EUROTEAM

SYSTEM SOLUTIONS
HIGHLY RESISTANT SEALS FOR CHEMICAL & PETROCHEMICAL INDUSTRIES



OVERVIEW





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JOINT AND SURFACE SEALING

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EUROLASTIC TC 30 G

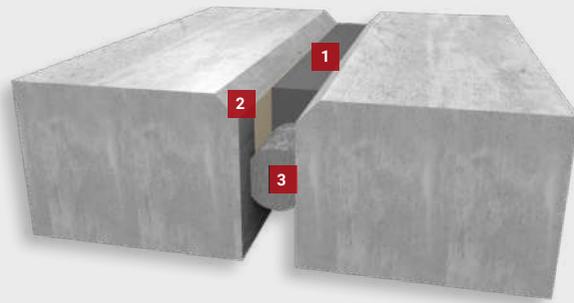
Pourable, two-component joint sealant based on polysulphide

EUROLASTIC TC 30 G is a pourable, elastic, two-component joint sealant based on polysulphide, which has been specially formulated for areas subject to extreme loads.

With its very high chemical resistance, elasticity and liquid-tight properties, it ensures reliable operational safety even at temperatures ranging from minus 50 °C to plus 120 °C.

The cold-vulcanising properties of polysulphide allow joint renovations or daily sections to be seamlessly integrated into existing surfaces – without weak points in the connection between old and newly applied polysulphide joint sealant. This allows repairs to be carried out quickly, safely, liquid-tight and sustainably.

Thanks to its high polysulphide polymer content of over 40%, EUROLASTIC TC 30 G is extremely resistant to chemicals, UV radiation, weathering and ageing.



- 1 Joint sealant: **EUROLASTIC TC 30 G**
- 2 Adhesive primer: **EUROLASTIC PRIMER U 12 G**
(absorbent substrates)
EUROLASTIC PRIMER S2
(non-absorbent substrates)
EUROLASTIC PRIMER ZM
(heavy-duty corrosion protection - primer)
- 3 Backfill material: **PE round cord (closed cell)**

SYSTEM HIGHLIGHTS:

- Fast curing (2-component system)
- High chemical resistance
- 40% polysulphide content
- High temperature resistance
- Over 10 years service life
- Approved by building authorities

SPECIAL APPROVAL

for increased penetration depths:

EUROLASTIC TC 30 G grey

Increased installation depths of the sealant up to 1.6 times the joint width are permissible in order to prevent the joint sealant from circulating in the case of media with increased penetration depths.



AREAS OF APPLICATION

- Refineries, tank farms, chemical plants
- For indoor and outdoor use
- LAU facilities
- petrol stations
- Airfield areas
- Traffic routes
- Production and storage areas

PRODUCT FEATURES

- Excellent adhesion to various substrates
- Cold vulcanising – chemical bond between fresh and cured polysulphide
- Non-sticky – no softening at high temperatures
- Cold elasticity down to -50 °C
- Highly chemical-resistant, liquid-tight joint sealing
- Very high UV, weather and ageing resistance for over 10 years
- Colours: black, grey

TESTS/APPROVALS/STANDARDS

- building authority approval:
 - Z-74.6-133 - EUROLASTIC TC 30 G - black
 - Z-74.6.128 - EUROLASTIC TC 30 G - grey
- TL-Fug StB 01/ ZTV-Fug StB 15
- DIN EN 14188-2
- AIR FORCE INSTITUTE OF TECHNOLOGY, Warsaw



EUROLASTIC TC 30 G

Joint sealing of a concrete collection tray with hexagonal paving stones.



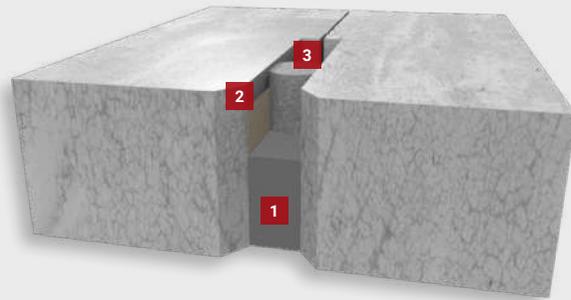
EUROLASTIC TC 30 S

gungrade, 2-component joint sealant based on polysulphide

EUROLASTIC TC 30 S is a gungrade, high-quality, two-component, polysulphide-based joint sealant developed for heavily used joints. Its gungrade consistency allows for precise application even on vertical or sloping surfaces, making it the ideal solution wherever pourable systems cannot be used – for example, on gutter joints or surfaces with steep gradients.

Like EUROLASTIC TC 30 G, EUROLASTIC TC 30 S also impresses with its very high chemical resistance. Furthermore, EUROLASTIC TC 30 S is used as a high-performance adhesive for the installation of polysulphide-based joint tapes.

EUROLASTIC TC 30 S is therefore the perfect complement to EUROLASTIC TC 30 G and ensures that a highly elastic, liquid-tight and reliable joint seal is achieved even under difficult installation conditions.



- 1 Joint sealant: **EUROLASTIC TC 30 G**
- 2 Adhesive primer: **EUROLASTIC PRIMER U 12 G**
(absorbent substrates)
EUROLASTIC PRIMER S2
(non-absorbent substrates)
EUROLASTIC PRIMER ZM
(heavy-duty corrosion protection - primer)
- 3 Backfill material: **PE round cord (closed cell)**

SYSTEM HIGHLIGHTS:

- Gungrade (can be used on vertical or sloping surfaces)
- Fast curing (2-component system)
- Highly chemically resistant
- 40% polysulphide content
- Over 10 years service life
- Unique reparability due to cold vulcanisation
- Approved by building authorities



AREAS OF APPLICATION

- Refineries, tank farms, chemical plants
- For indoor and outdoor use
- LAU facilities
- Petrol stations
- Airfield areas (military and civil)
- Transport routes (motorways, concrete runways, etc.)
- Production and storage areas

PRODUCT FEATURES

- Excellent adhesion to various substrates
- Cold vulcanising – chemical bond between fresh and cured polysulphide
- Non-sticky – no softening at high temperatures
- Cold elasticity down to -50 °C
- Highly chemical-resistant, liquid-tight joint sealing
- Very high UV, weather and ageing resistance for over 10 years
- Gungrade consistency for precise application even on vertical or inclined surfaces
- Colours: black, grey

TESTS/APPROVALS/STANDARDS

- building authority approval:
 - Z-74.6-127 - EUROLASTIC TC 30 S - grey
 - Z-74.6-132 - EUROLASTIC TC 30 S - black
 - Z-74.5-126 - EUROTEK TK sealing tape





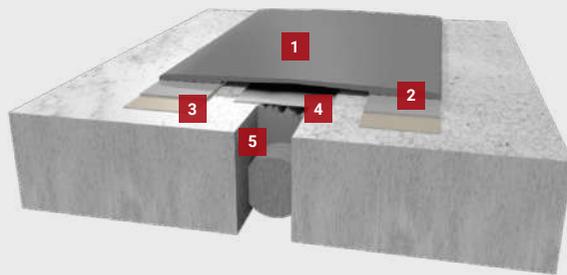
EUROTEK TK SEALING TAPE WHG

High-performance polysulphide-based sealing tape

EUROTEK TK sealing tape WHG is a highly elastic, chemical-resistant polysulphide-based sealing system for sealing movement joints in LAU systems in accordance with Water Resources Act. It is ideal for sealing large joint widths, complex geometries, strong component movements or difficult adhesive surfaces.

In combination with the specially matched EUROLASTIC TC 30 S grey adhesive system, it creates a permanently elastic, liquid-tight and building authority-approved joint seal.

It is installed in non-traffic areas to seal vertical and horizontal joints, as well as to seal floor and wall connections.



- 1 sealing tape: **EUROTEK TK SEALING TAPE WHG**
- 2 Adhesive: **EUROLASTIC TC 30 S - grey**
- 3 Adhesive primer: **EUROLASTIC PRIMER U 12 G**
(absorbent substrates)
EUROLASTIC PRIMER S2
(non-absorbent substrates)
EUROLASTIC PRIMER ZM
(heavy-duty corrosion protection - primer)
- 4 Separation tape: **EUROTAPE (aluminium-coated)**
- 5 Existing defective sealant (in case of renovation)

SYSTEM HIGHLIGHTS:

- Pre-assembled – easy to process
- Very high chemical resistance
- Very high UV, weather and ageing resistance
- Highly elastic for maximum movement absorption
- Excellent cold elasticity down to -50 °C
- Over 10 years service life
- Unique reparability due to cold vulcanisation



AREAS OF APPLICATION

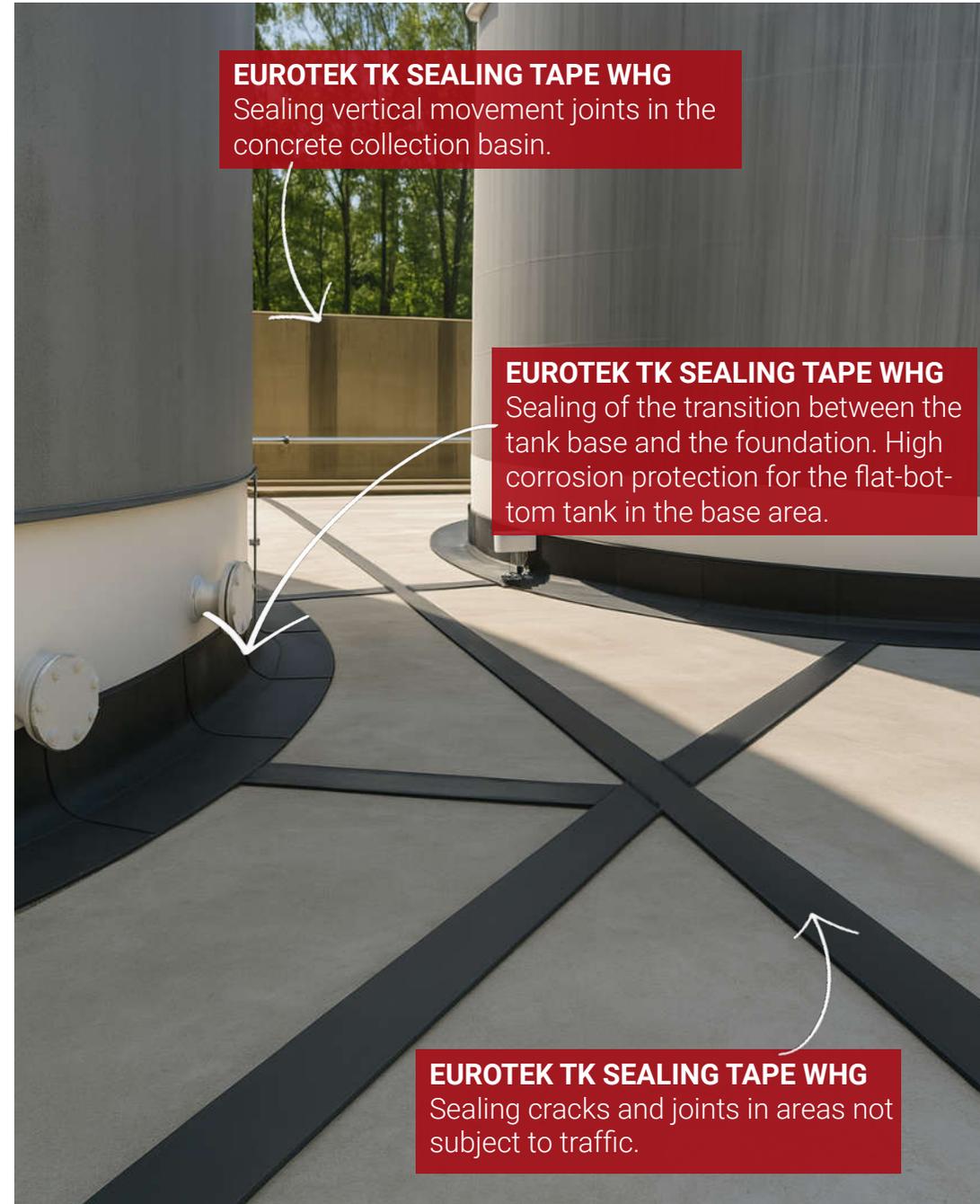
- For sealing floor and wall joints subject to chemical stress in areas not subject to vehicle traffic
- For indoor and outdoor use
- LAU facilities
- Petrol stations
- Airfield areas (military and civil)
- Traffic routes (motorways, concrete roadways, etc.)
- Production and storage areas
- Refineries, tank farms, chemical plants.

PRODUCT FEATURES

- Cold elasticity down to -50 °C
- Highly resistant to chemicals
- Very high resistance to UV, weathering and ageing
- High notch and wear resistance
- Resilience > 80%
- Highly elastic
- Cold vulcanising, partially repairable
- Corrosion protection

TESTS/APPROVALS/STANDARDS

- building authority approval:
 - Z-74.5-126 - EUROTEK TK sealing tape
 - Z-74.6-127 - EUROLASTIC TC 30 S grey
Building authority-approved joint tape adhesive





FLOOR-WALL TRANSITIONS AND INTERNAL AND EXTERNAL CORNERS

Installation examples

1 Image: Sealing the vertical component joints with a large joint cross-section of a concrete collection tray in a tank farm with tank wagon filling.

Materials used: EUROTEK TK sealing tape WHG – width: 180 mm
Primer: EUROLASTIC PRIMER U 12 G for absorbent substrates
Sealing tape adhesive: EUROLASTIC TC 30 S – grey

2 Image: Large-area base sealing to increase the storage/retention volume of a hazardous materials storage facility.

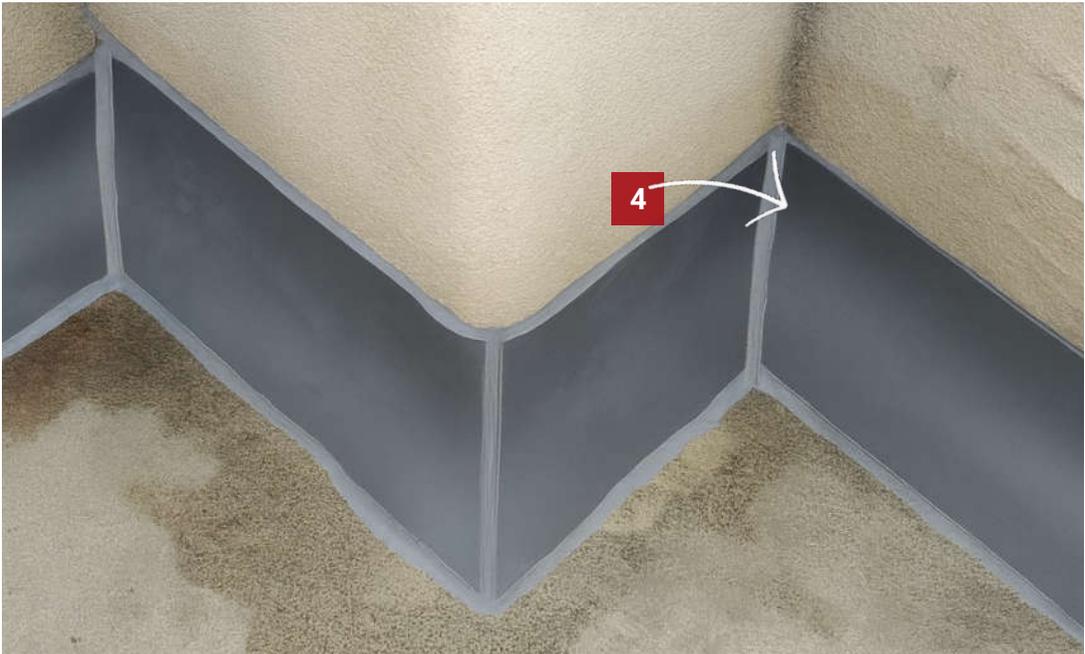
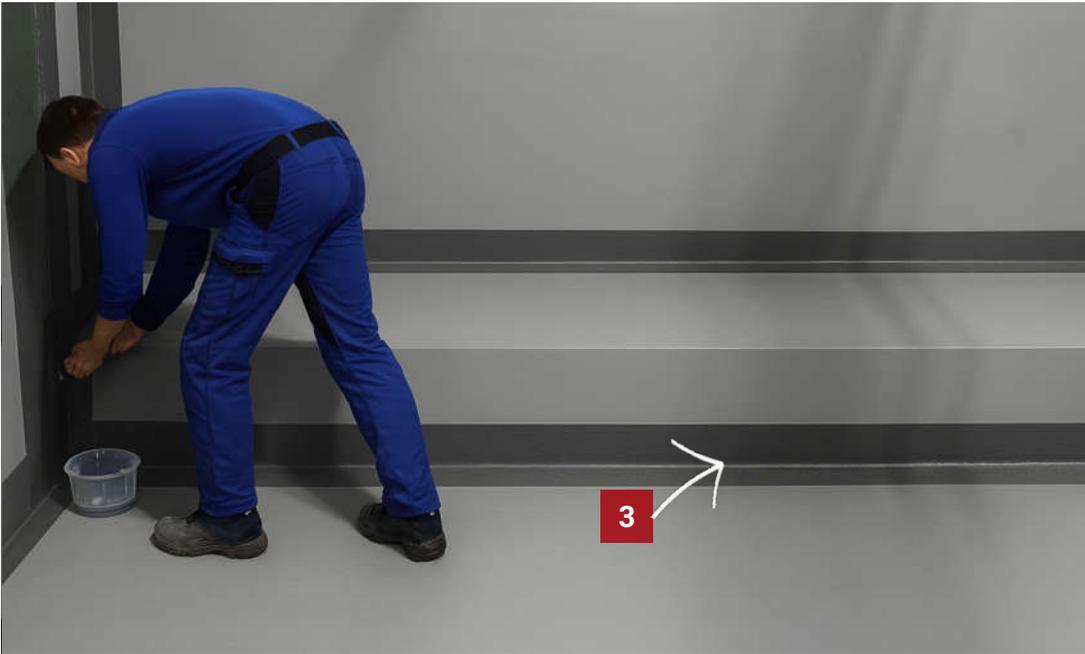
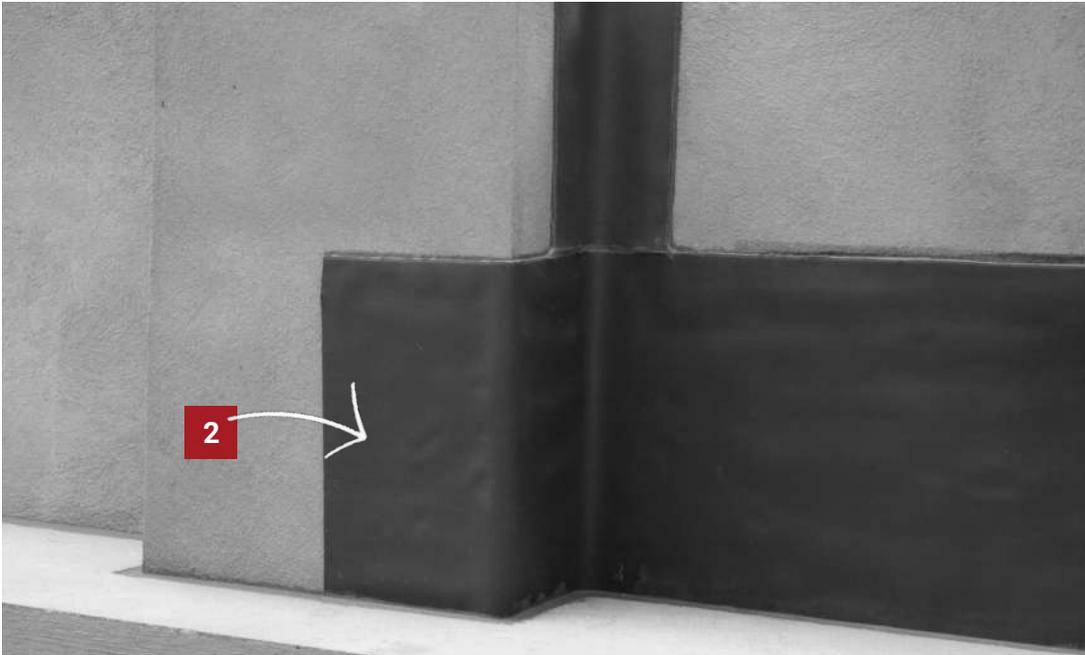
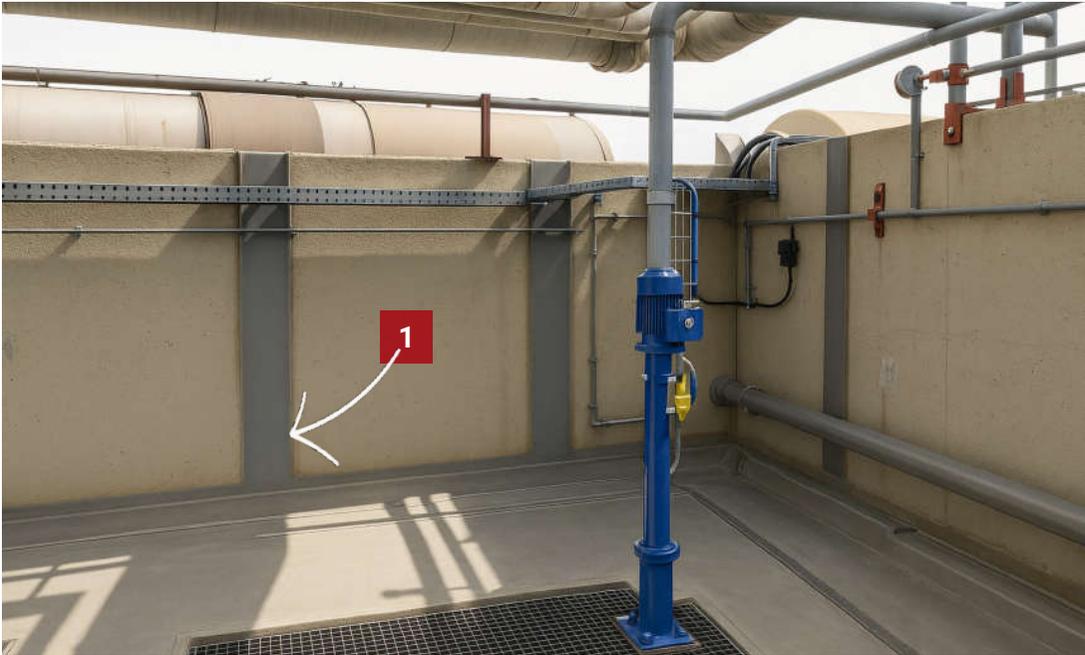
Materials used: EUROTEK TK sealing tape WHG - width: 240 mm
Primer: EUROLASTIC PRIMER U 12 G for absorbent substrates
Sealing tape adhesive: EUROLASTIC TC 30 S - grey

3 Image: Step sealing of a collection tray coated with epoxy resin.

Materials used: EUROTEK TK sealing tape WHG - Breite: 240 mm
Primer: EUROLASTIC PRIMER S2 for non-absorbent substrates
Sealing tape adhesive: EUROLASTIC TC 30 S – grey

4 Image: Sealing a floor/wall connection with internal and external corners.
(Floor: in-situ concrete - Wall: epoxy resin coating)

Materials used: EUROTEK TK sealing tape WHG - Width: 120 mm
Primer (floor): EUROLASTIC PRIMER U 12 G for absorbent substrates
Primer (wall): EUROLASTIC PRIMER S2 for non-absorbent substrates
Sealing tape adhesive: EUROLASTIC TC 30 S - grey





EXTRA-WIDE JOINTS WITH HIGH MOVEMENT ABSORPTION

Installation examples

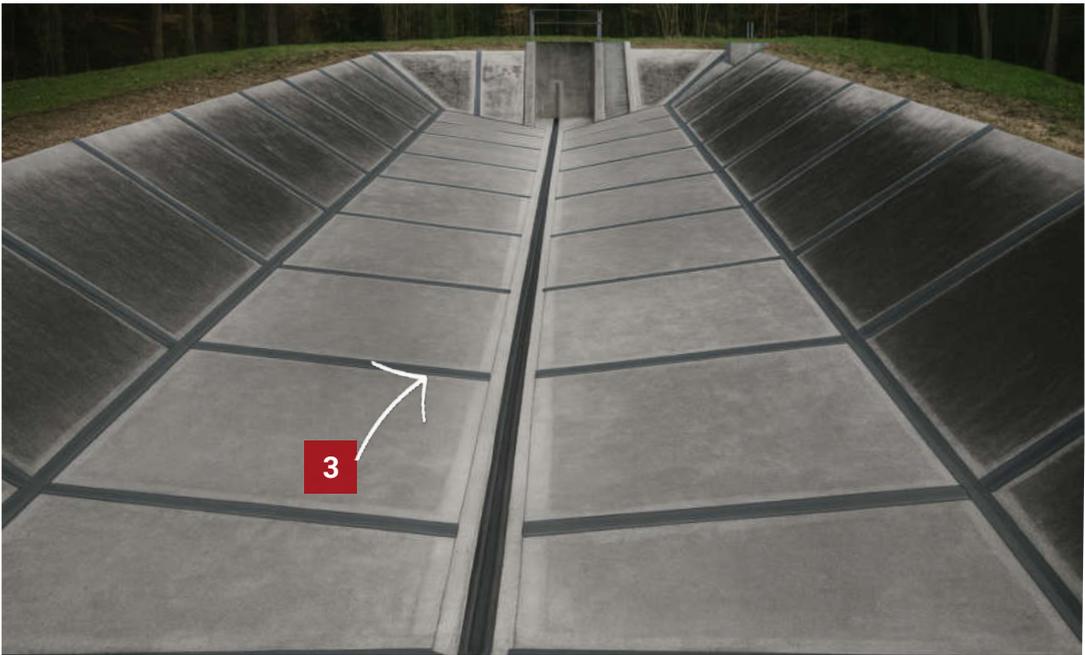
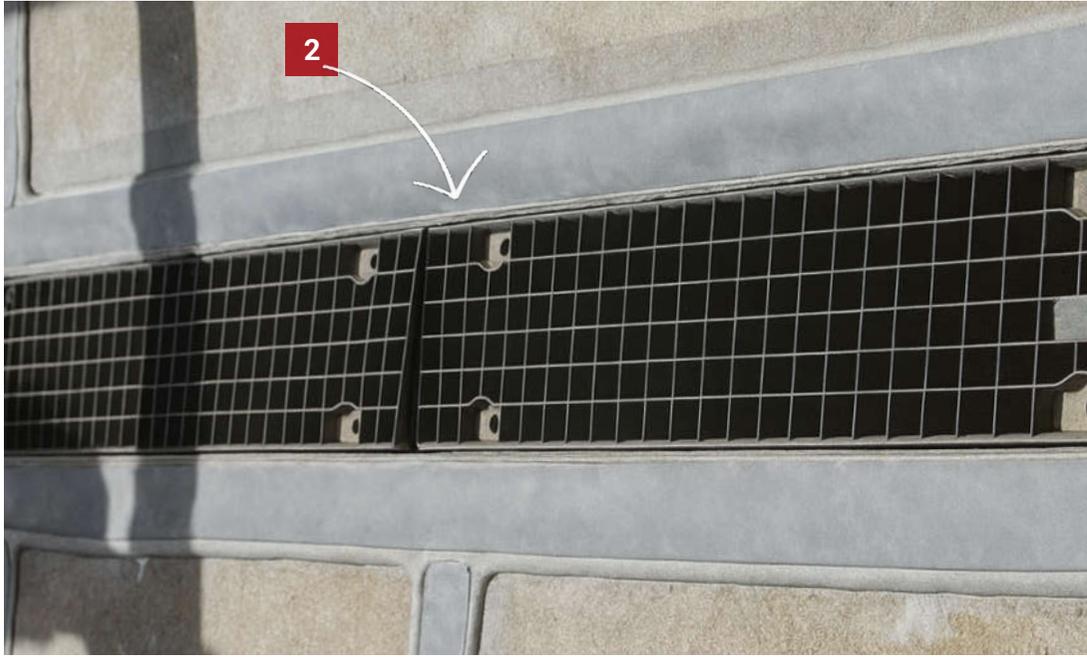
- 1** **Image:** Sealing the room joint (floor/wall connection) of a concrete collection basin with large storage tanks.

Materials used: EUROTEK TK sealing tape WHG - width: 140 mm
Primer: EUROLASTIC PRIMER U 12 G for absorbent substrates
Sealing tape adhesive: EUROLASTIC TC 30 S - grey
- 2** **Image:** Sealing a defective polymer concrete channel in a drainage area not used by vehicles.

Materials used: EUROTEK TK sealing tape WHG - width: 80 mm
Primer (floor) : EUROLASTIC PRIMER U 12 G for absorbent substrates
Primer (Gutter element) : EUROLASTIC PRIMER S2 for non-absorbent surfaces
Sealing tape adhesive: EUROLASTIC TC 30 S - grey
- 3** **Image:** Upgrading/sealing of an existing rainwater retention basin for conversion into a fire water retention basin in an industrial park.

Materials used: EUROTEK TK sealing tape WHG - width: 80 mm
Primer: EUROLASTIC PRIMER U 12 G for absorbent substrates
Sealing tape adhesive: EUROLASTIC TC 30 S - grey
- 4** **Image:** Sealing of component joints within a concrete collection basin.

Materials used: EUROTEK TK sealing tape WHG - width: 80 - 140 mm
Primer: EUROLASTIC PRIMER U 12 G for absorbent substrates
Sealing tape adhesive: EUROLASTIC TC 30 S - grey





FLAT-BOTTOM TANKS, RING FOUNDATIONS AND BASE SEALS

Installation examples

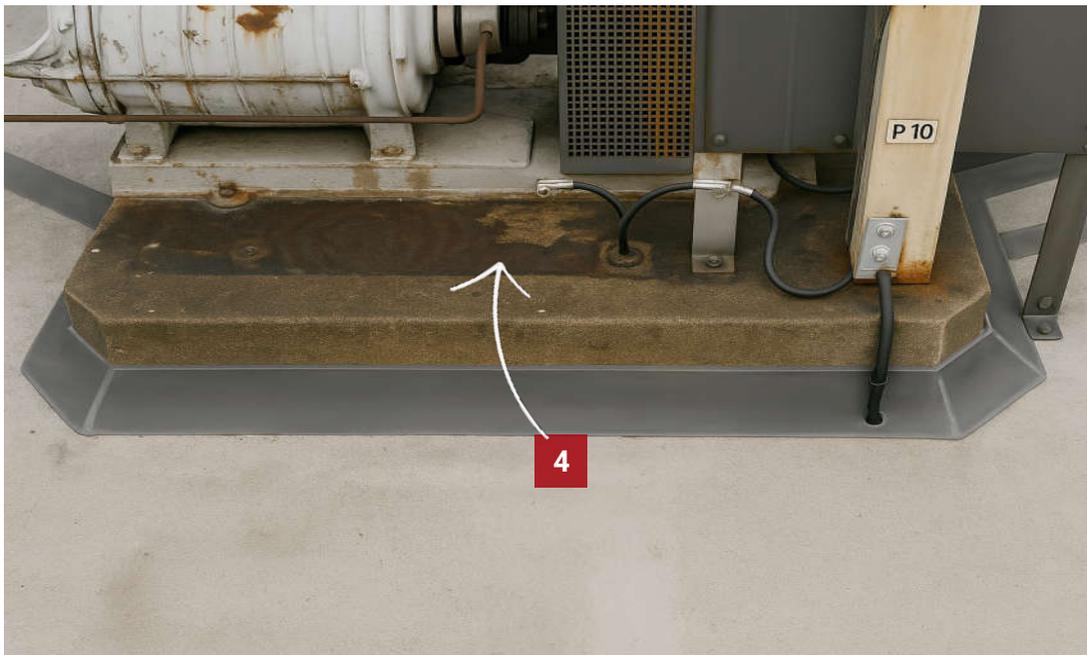
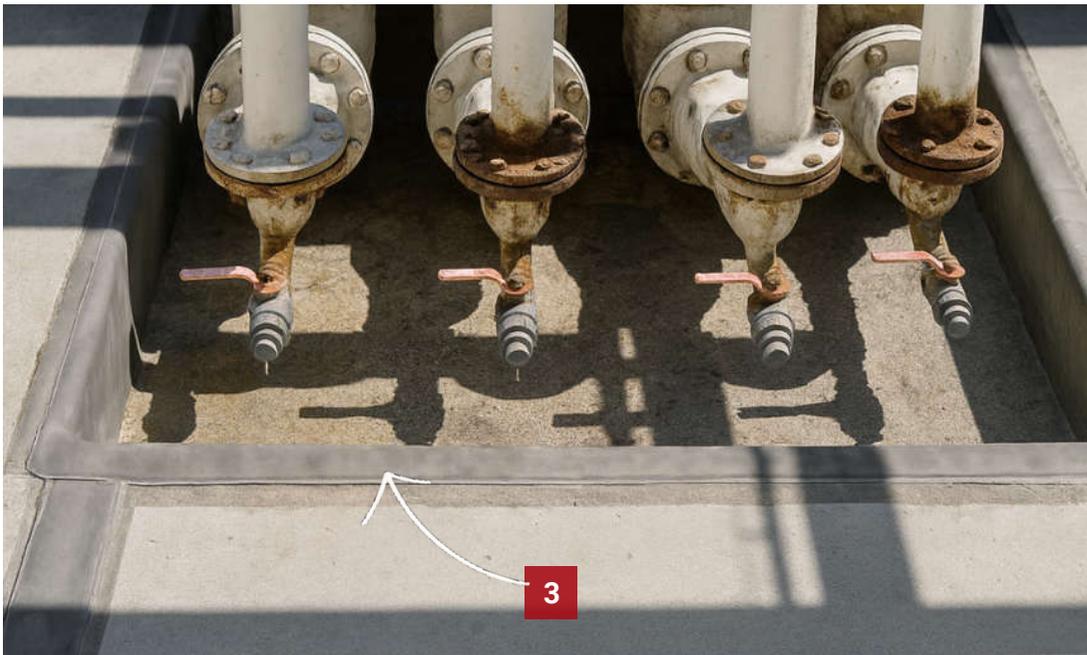
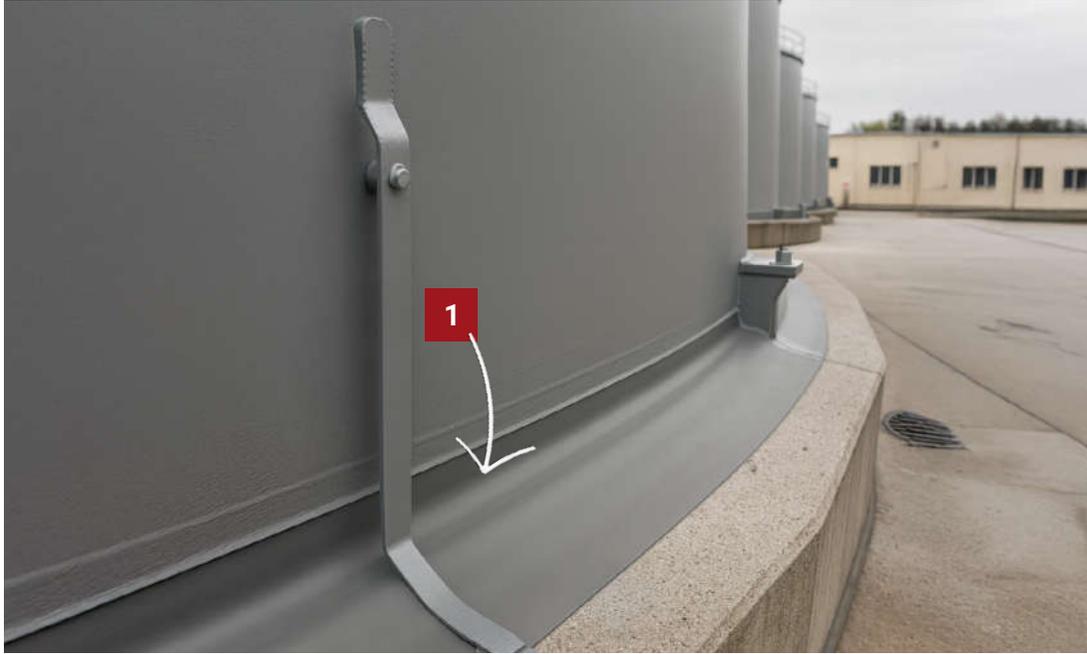
- 1** **Image:** Joint tape installation as corrosion protection bandage for a flat-bottom tank base.

Materials used: EUROTEK TK sealing tape WHG - width: 160 mm
Primer (coated tank jacket) : EUROLASTIC PRIMER S2 for non-absorbent surfaces
Sealing tape adhesive: EUROLASTIC TC 30 S - grey
- 2** **Image:** Tank base sealing of a storage tank.

Materials used: EUROTEK TK sealing tape WHG - width: 300 mm
Primer (concrete) : EUROLASTIC PRIMER U 12 G for absorbent substrates
Primer (coated tank jacket): EUROLASTIC PRIMER S2 for non-absorbent surfaces
Sealing tape adhesive: EUROLASTIC TC 30 S - grey
- 3** **Image:** Sealing a sampling point in a refinery.

Materials used: EUROTEK TK sealing tape WHG - width: 80 - 200 mm
Primer: EUROLASTIC PRIMER U 12 G for absorbent substrates
Sealing tape adhesive: EUROLASTIC TC 30 S - grey
- 4** **Image:** Sealing of a decoupled pump foundation in a petrochemical plant.

Materials used: EUROTEK TK sealing tape WHG - width: 120 mm
Primer: EUROLASTIC PRIMER U 12 G for absorbent substrates
Sealing tape adhesive: EUROLASTIC TC 30 S - grey





PIPE PENETRATIONS AND SHAFT RING SEALS

EUROTEK TK SEALING TAPE WHG

Sealing pipe collars/pipe penetrations:

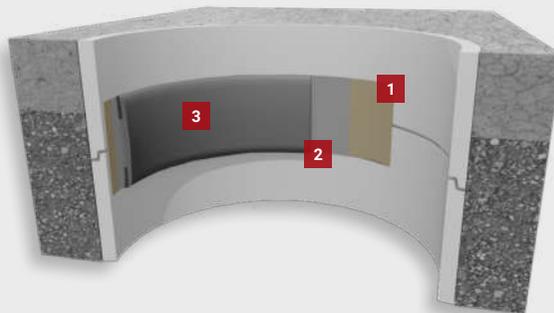
Pipe penetrations through concrete collection basins must be sealed to be liquid-tight. The pipes passing through are subject to significant changes in length due to the influence of heat and cold. Building authority-approved polysulphide joint tapes are used here due to their high movement absorption and chemical resistance.



- 1 Adhesive primer: **EUROLASTIC PRIMER S2**
(non-absorbent substrates)
EUROLASTIC PRIMER ZM (optional)
(heavy-duty corrosion protection - primer)
- 2 Adhesive: **EUROLASTIC TC 30 S Grey**
- 3 Sealing tape: **EUROTEK TK SEALING TAPE WHG**

Shaft ring seal:

Manhole structures are often located in the roadway area. Driving over the manhole ring structures causes rigid cementitious seals in the manhole ring joints to leak after a short time. Reworking these joints with fully bonded, chemical-resistant polysulphide joint tapes enables economical and sustainable sealing with high movement absorption.



- 1 Adhesive primer: **EUROLASTIC PRIMER U 12 G**
(saugende Untergründe)
- 2 Adhesive: **EUROLASTIC TC 30 S Grey**
- 3 Sealing tape: **EUROTEK TK SEALING TAPE WHG**





EUROX EDS JOINT PROFILE WHG

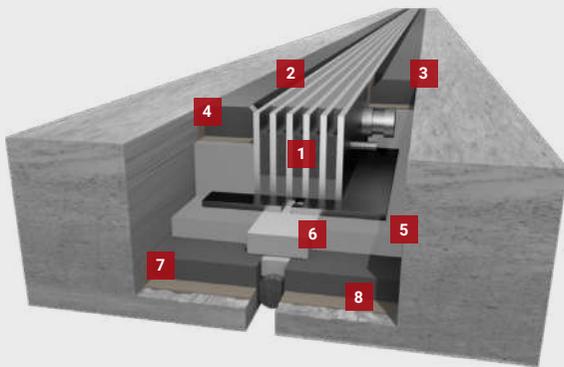
Heavy-duty joint profile

EUROX EDS joint profile WHG is a liquid-tight joint profile with high mechanical and chemical resistance.

The EUROX EDS joint profile WHG is approved by the German Institute for Building Technology for use in areas subject to the Water Resources Act and is used in component and connection joints subject to high mechanical and chemical stress. The Eurox EDS joint profile WHG is designed for both the refurbishment and new construction of liquid-tight surfaces such as LAU systems.

The combination of highly elastic, chemically resistant polysulphide sealing and supporting V4A stainless steel lamellas results in a liquid-tight, mechanically highly resilient, vibration-free, drive-over joint construction and was specially developed for use in LAU and HBV facilities in accordance with the Water Resources Act.

Simple installation without welding or screws allows for flush installation.



- 1 Joint profile: **EUROX EDS expansion joint profile**
- 2 Sealant: **EUROLASTIC TC 30 G/S**
- 3 Mortar: **EUROREPAIR PC 96 WHG**
- 4 Adhesive primer: **EUROREPAIR HG 96 WHG**
- 5 Grouting: **EURODUR EPV 0411 GROUNDFIX**
- 6 compression tape (Supplied by the manufacturer)
- 7 Mortar: **EUROREPAIR PC 96 WHG**
- 8 Adhesive primer: **EUROREPAIR HG 96 WHG**

SYSTEM HIGHLIGHTS:

- Approved by building authorities
- Liquid-tight
- Highly resistant to chemicals
- Partially repairable
- Weather and corrosion resistant
- High movement and load absorption
- Flat installation (can be driven over without vibration)



AREAS OF APPLICATION

- Refineries, tank farms, chemical plants
- LAU facilities
- Highly stressed joint constructions
- Car parks, underground car parks
- Ramp and hall transitions
- Production and storage areas
- Food industry

PRODUCT FEATURES

- Liquid-tight
- Highly resistant to chemicals
- Extremely high load capacity due to lamellar structure
- Suitable for use with pneumatic, solid rubber or polyamide tyres
- Weather-resistant, non-rusting
- No risk of slipping

TESTS/APPROVALS/STANDARDS

- General building approvals:
Z-74.8-165 - EUROX EDS WHG joint profile



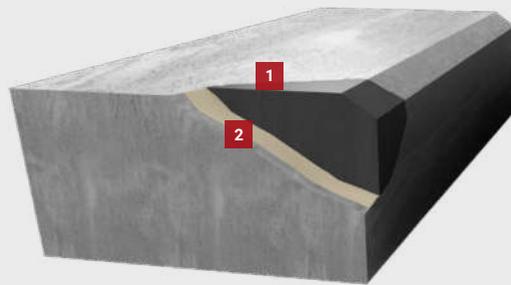


EUROREPAIR PC 96 WHG

High-strength 2-component epoxy resin mortar

EUROREPAIR PC 96 WHG is a heavy-duty, building authority-approved two-component epoxy resin mortar that has been specially developed for demanding applications in LAU systems. Its optimally balanced formulation enables easy processing and fast, reliable curing.

The high-strength mortar is ideal for repairing concrete, reinforced concrete and precast concrete elements, e.g. for reprofiling joint edges or concrete upstands subject to high mechanical or chemical loads. Thanks to its very high compressive strength and modulus of elasticity adapted to concrete, it offers excellent resistance and durability.



1 Mortar: **EUROREPAIR PC 96 WHG**

2 Adhesive primer: **EUROREPAIR HG 96 WHG**

SYSTEM HIGHLIGHTS:

- Approved by building authorities
- Easy to work with, excellent smoothing properties
- Very high compressive strength (96N/mm²)
- Fast, controlled curing – short closure times
- High chemical resistance
- High UV and weather resistance
- Liquid-tight



AREAS OF APPLICATION

- Especially for repairing joint edges and broken corners
- For indoor and outdoor use
- LAU facilities
- Petrol stations
- Airfield areas (military and civil)
- Traffic routes (motorways, concrete roadways, etc.)
- Production and storage areas
- Refineries, tank farms, chemical plants

PRODUCT FEATURES

- High mechanical load-bearing capacity
- Modulus of elasticity tailored to concrete
- Very high compressive strength (96 N/mm²)
- Fast, controlled curing
- Very good modelling and smoothing properties
- Excellent adhesion to mineral substrates
- Ready-made, solvent-free and pigmented to match the colour of the concrete
- Highly resistant to a wide range of chemicals, such as diluted acids and alkalis

TESTS/APPROVALS/STANDARDS

- Tested according to MEB
- General building approval
Z-74.12-94 - EUROREPAIR PC 96 WHG



EUROREPAIR PC 96 WHG

Repair of a concrete damage in a Refinerie

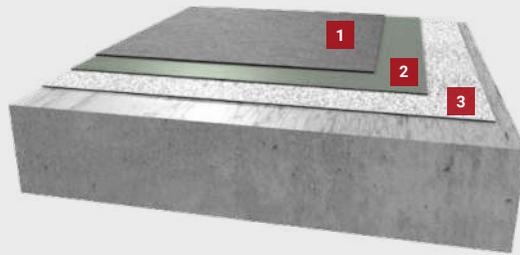


EUROTEX TC 97

Chemically highly resistant polysulphide lining

EUROTEX TC 97 is a polysulphide lining specially designed for sealing difficult substrates in non-traffic areas.

If the renovation of existing collection trays is not possible at all or only possible with enormous effort using conventional renovation systems due to irreversible contamination or structural defects such as cracks or subsidence, EUROTEX TC 97 can be laid directly over the existing substrate without major substrate pre-treatment thanks to its integrated carrier fleece and only needs to be anchored/bonded at specific points. glued in specific areas.



- 1** Top layer: **EUROTEX TC 97 grey**
- 2** Middle layer: **EUROTEX TC 97 green**
- 3** Backing fabric: **EUROTEX Fleece (blank or pre-sprayed)**

SYSTEM HIGHLIGHTS:

- Highly resistant to chemicals
- High crack-bridging capacity (laid decoupled over the crack)
- High resistance to UV, weathering and ageing
- Partially repairable (by cold vulcanisation)
- 40% polysulphide content
- Root-resistant

AREAS OF APPLICATION

- LAU facilities
- Refineries
- concrete collection basin
- For sealing cracks, floor and wall joints, and concrete damage with chemical exposure in areas not subject to vehicle traffic

PRODUCT FEATURES

- Cold vulcanisation – chemical bond between fresh and cured polysulphide
- Non-stick – no softening at high temperatures
- Cold elasticity down to -50 °C
- Highly chemical-resistant lining
- Very high UV, weather and ageing resistance of over 10 years
- Colours: grey, green
- Root-resistant
- Not suitable for vehicles

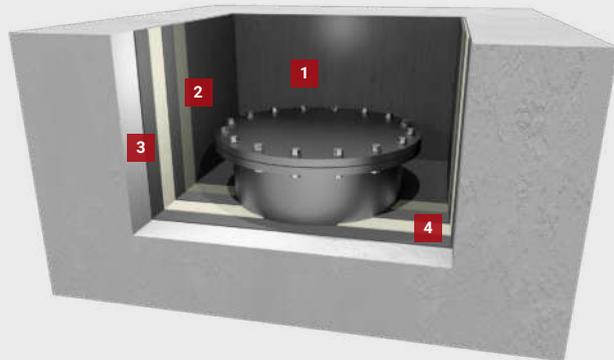




EUROTEX TC 97 AS

Chemically highly resistant, electrostatically dissipative polysulphide lining

EUROTEX TC 97 AS is the electrostatic dissipative version of the EUROTEX TC 97 lining system and offers excellent properties for dissipating static charges in combination with the advantages of the EUROTEX TC 97 system.



- | | | |
|---|-----------------|-------------------------|
| 1 | Top layer: | EUROTEX TC 97 AS |
| 2 | Sealing: | EUROTEX TC 97 |
| 3 | Lamination: | EUROPOX 0100 |
| 4 | Backing fabric: | EUROTEX fleece |

SYSTEM HIGHLIGHTS:

- Highly resistant to chemicals
- High crack-bridging capacity (laid decoupled over the crack)
- High resistance to UV, weathering and ageing
- Partially repairable (by cold vulcanisation)
- 40% polysulphide content
- Root-resistant

AREAS OF APPLICATION

- LAU facilities
- Refineries
- concrete collection basin
- For sealing cracks, floor and wall joints, and concrete damage with chemical exposure in areas not subject to vehicle traffic

PRODUCT FEATURES

- Electrostatically dissipative
- Cold vulcanising – chemical bond between fresh and cured poly-sulphide
- Non-stick – no softening at high temperatures
- Cold elasticity down to -50 °C
- Highly chemical-resistant lining
- Very high UV, weather and ageing resistance of over 10 years
- Colours: black, grey, green
- Root-resistant
- Not suitable for vehicle traffic





PROCESSING TECHNOLOGIES 4.0

engineered by EUROTEAM



JOINTMASTER 650



SVV 70/960



JOINTMASTER 250



SVV 70/560



JOINTMASTER 150



SVV 50/A

1 JOINTMASTER 650

A process-controlled mixing and dosing system for bubble-free processing of self-levelling polysulphide joint sealants from 200-litre drums, optionally heated to reduce reaction and blocking times.

2 JOINTMASTER 250

Mixing and dosing system for the efficient processing of pourable polysulphide joint sealant in 20-litre containers. Can be transported in vans, trailers or lorries.

3 JOINTMASTER 150

Compressed air-powered grouting boiler with lance for processing mixed, pourable polysulphide joint sealants. Capacity: 10–40 litres.

4 SVV 70/960

Used for processing pourable materials such as 2K polysulphide joint sealants at a suction pressure of 6–7 bar, an extrusion pressure of 3–6 bar and a cylinder volume of approx. 4000 ml.

5 SVV 70/560

Suitable for processing pourable materials such as 2K polysulphide joint sealants at an intake pressure of 6–7 bar, an extrusion pressure of 3–6 bar and a cylinder volume of approx. 2000 ml.

6 SVV 50/A

Pneumatic caulking gun with a capacity of 600 ml for processing pourable and stable polysulphide joint sealants.

Please contact us for further tools and processing equipment.

OUR CORE COMPETENCIES

Concentrated expertise for strong surfaces – reliable, durable, EUROTEAM.



AIRFIELD AREAS



Innovative solutions for the construction, maintenance and protection of surfaces in aircraft operation areas – reliable, durable and of the highest technical standard.



CHEMICAL & PETROCHEMICAL



Resilient protection and repair systems for plants and tankfarms in the chemical and petrochemical industries – resistant to extreme chemical and thermal stresses.



TRAFFIC AREAS



High-performance systems for the permanent repair and protection of transport infrastructure. Efficient, resilient and sustainable.



WAREHOUSING & LOGISTICS



Robust and economical solutions for warehousing and logistics areas – hard-wearing, easy to maintain and designed for high traffic and storage loads.



RAILWAY TRACKS



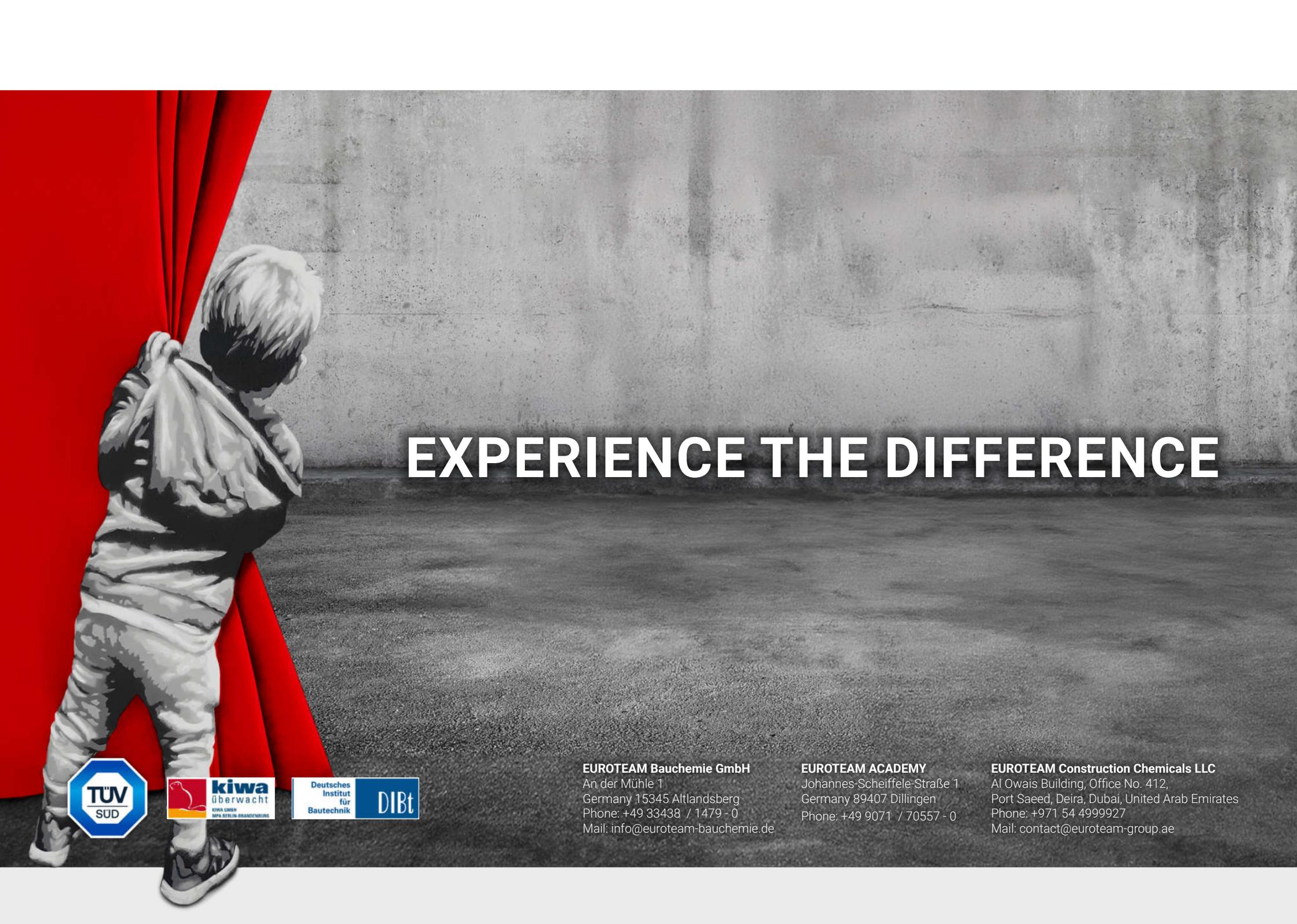
Specialised products and systems for the maintenance and refurbishment of track systems – precise, durable and designed for the highest loads.



BUILDING CONSTRUCTION



Customised systems for building construction – for reliable protection, lasting value retention and the highest standards of function and aesthetics.



EXPERIENCE THE DIFFERENCE



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