

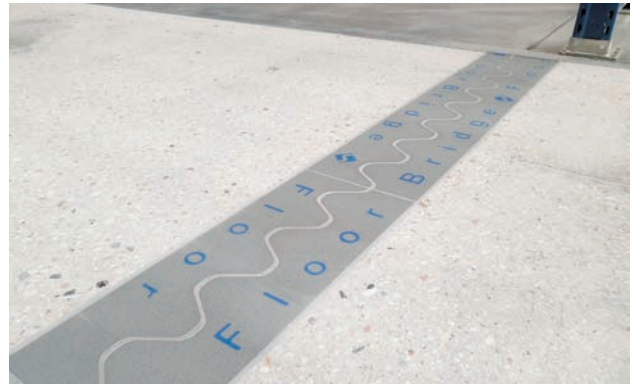
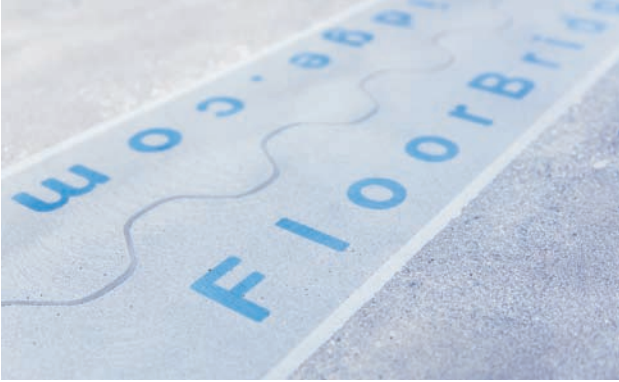
INNOVATIVE FLOOR JOINT PROFILES

FOR INDUSTRY, PRODUCTION
FACILITIES, HOSPITALS,
WAREHOUSES

- ◆ metal-free
- ◆ multiple grinding
- ◆ highly resilient
- ◆ low installation height
- ◆ individual colour design
- ◆ can be driven on after a few hours

FloorBridge® 

Years of experience characterise our already realised projects!



ON SOFT AND SMOOTH SOLES!

FloorBridge® Joint Profiles – The permanent solution for floor joints

If the installed floor joint profiles in warehouses, production plants or hospitals are uneven or not flat, noise is associated with equally high shock loads on the wheel bearings of the Mechanical Handling Equipment, MHE (forklifts, pallet trucks, etc.). In the long run, this leads to high repair costs of the vehicles.

FloorBridge® offers the perfect and durable solution for this. The FloorBridge® joint profiles in carbon fiber composite technology can be **grinded several times**, can thus be **optimally adapted to the existing floor** and enable all vehicles to be **driven over with low noise and vibration**. In addition, our floor joint profiles are absolutely free of metal and, as a result, **100% rust-free**.

The profiles also impress with their particularly low installation height and in addition offer the possibility of an **individual colour design** of the profile legs.

The **assembly** of the prefabricated and immediately available composite profiles is **simple and fast** – depending on the application, they can be fully loaded again within a few hours.

FloorBridge® joint profiles for industry and commerce can be used both in new construction and in the renovation of buildings.



■ METAL-FREE

Our rust-free joint profiles are high in chemical resistance and are frost resistant.

■ HIGHLY RESILIENT

The FloorBridge® profiles convince with its enormous load capacity up to heavy loads.

■ WATERPROOF

Due to the tight coating connection, our joint profiles are available in a waterproof design.

■ EASY INSTALLATION

The prefabricated FloorBridge® profiles can be installed quickly and easily.

■ INDIVIDUAL COLOUR DESIGN

The profiles can be coated as desired and thus fit perfectly into your colour concept.

■ GRINDABLE

Our profiles are grindable and can thus be perfectly adapted to any existing floor.



FloorBridge® WGX 20/50

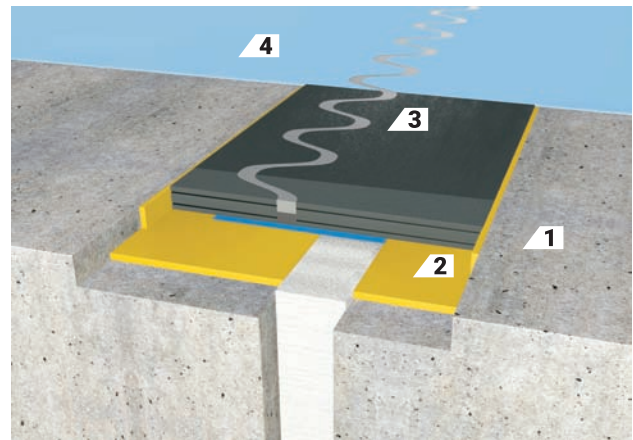
The FloorBridge® joint profile **WGX 20/50** is a prefabricated polymer floor joint profile in carbon fibre composite technology with high mechanical strength. Due to the eccentrically mounted sine curve, particularly wide joints - up to 50 mm in the substrate - can be completely bridged. The product is suitable for horizontal joint movements and enables a watertight connection to the adjacent coating.

FIELDS OF APPLICATION

- Warehouses and high-bay warehouses
- Industrial buildings
- Car manufacturers and supplier companies
- Production plants
- Shopping centers and supermarkets
- Hospitals and laboratories
- Pharmaceutical industry (production and distribution)
- Food industry (production and distribution)

PRODUCT CHARACTERISTICS

- metal-free
- waterproof system version possible (with FB-sealing membrane)
- can be grinded several times
- suitable for heaviest load
- backrest-friendly for forklift drivers
- reduced stacking costs (wheel bearings, tires ...)
- tight coating connection possible
- low installation height
- individual color design (coatable)
- can be driven on after a few hours



1 Concrete floor slab

2 Structural adhesive

3 Coating

4 Joint profile WGX 20/50

TECHNICAL DATA

| | |
|----------------------------------|------------------------------------------------------------|
| Width of joint profile: | approx. 255 mm |
| Length of joint profile: | approx. 1200 mm installed (1195 mm net) |
| Thickness of joint profile: | approx. 20 mm |
| Joint width in the substrate: | max. 50 mm |
| Contamination seal: | approx. 15 mm (depending on design variation) |
| Total horizontal joint movement: | 30 mm (-10/+20 mm) |
| Grinding depth: | max. 2 mm |
| Compressive strength: | 80 N/mm ² (ONR 23303) |
| Tensile bending strength: | 60 N/mm ² (DIN EN 196-1) |
| Load: | Wheel Load 6,000 kg per 10 cm ² supporting area |



FloorBridge[®] RC 20/30

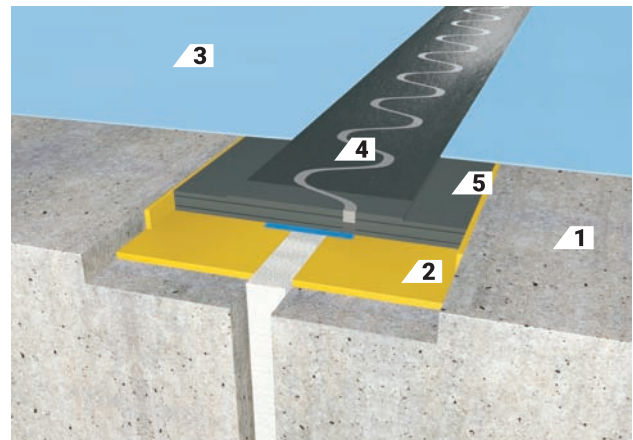
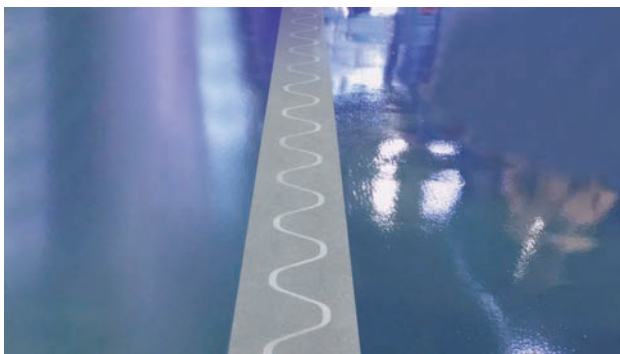
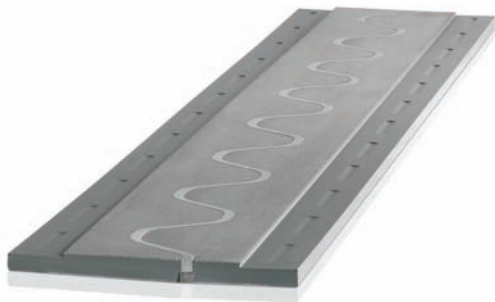
The FloorBridge[®] joint profile **RC 20/30** is a prefabricated polymer floor joint profile in carbon fibre composite technology with a coating flange on both sides. The product is suitable for horizontal movement of the joint and enables a watertight connection to the adjacent coating.

FIELDS OF APPLICATION

- Warehouses and high-bay warehouses
- Industrial buildings
- Car manufacturers and supplier companies
- Production plants
- Shopping centers and supermarkets
- Hospitals and laboratories
- Pharmaceutical industry (production and distribution)
- Food industry (production and distribution)

PRODUCT CHARACTERISTICS

- metal-free
- waterproof system version possible (with FB-sealing membrane)
- can be grinded several times
- suitable for heaviest load
- backrest-friendly for forklift drivers
- reduced stacking costs (wheel bearings, tires ...)
- tight coating connection possible
- low installation height
- individual color design (coatable)
- can be driven on after a few hours



- 1 Concrete floor slab
- 2 Structural adhesive
- 3 Coating
- 4 Joint profile RC 20/30
- 5 Recessed coating flange

TECHNICAL DATA

| | |
|----------------------------------|------------------------------------------------------------|
| Width of joint profile: | approx. 250 mm |
| Length of joint profile: | approx. 1200 mm installed (1195 mm net) |
| Thickness of joint profile: | approx. 20 mm |
| Joint width in the substrate: | max. 30 mm |
| Contamination seal: | approx. 10 mm (depending on design variation) |
| Total horizontal joint movement: | 25 mm (-5/+20 mm) |
| Grinding depth: | max. 2 mm |
| Compressive strength: | 80 N/mm ² (ONR 23303) |
| Tensile bending strength: | 60 N/mm ² (DIN EN 196-1) |
| Load: | Wheel Load 6,000 kg per 10 cm ² supporting area |



FloorBridge® ST 20/30

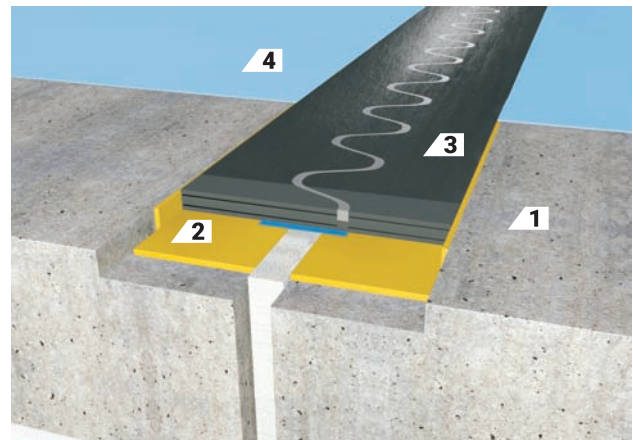
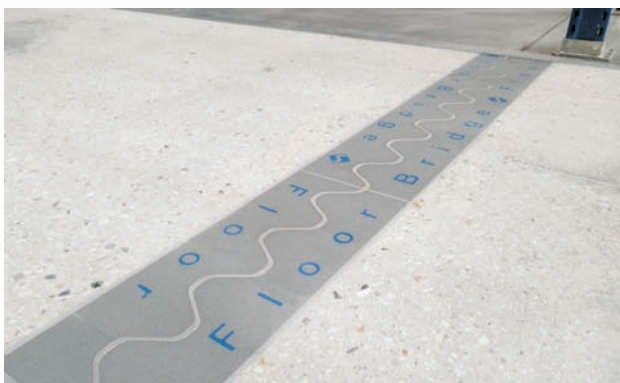
The FloorBridge® joint profile **ST 20/30** is a prefabricated polymer floor joint profile in carbon fibre composite technology without recessed coating flange. The product is suitable for horizontal movement of the joint and enables a watertight connection to the adjacent coating.

FIELDS OF APPLICATION

- Warehouses and high-bay warehouses
- Industrial buildings
- Car manufacturers and supplier companies
- Production plants
- Shopping centers and supermarkets
- Hospitals and laboratories
- Pharmaceutical industry (production and distribution)
- Food industry (production and distribution)

PRODUCT CHARACTERISTICS

- metal-free
- waterproof system version possible (with FB-sealing membrane)
- can be grinded several times
- suitable for heaviest load
- backrest-friendly for forklift drivers
- reduced stacking costs (wheel bearings, tires ...)
- tight coating connection possible
- low installation height
- individual color design (coatable)
- can be driven on after a few hours



- 1 Concrete floor slab 2 Structural adhesive
3 Joint profile ST 20/30 4 Coating

TECHNICAL DATA

| | |
|----------------------------------|------------------------------------------------------------|
| Width of joint profile: | approx. 250 mm |
| Length of joint profile: | approx. 1200 mm installed (1195 mm net) |
| Thickness of joint profile: | approx. 20 mm |
| Joint width in the substrate: | max. 30 mm |
| Contamination seal: | approx. 10 mm (depending on design variation) |
| Total horizontal joint movement: | 25 mm (-5/+20 mm) |
| Grinding depth: | max. 2 mm |
| Compressive strength: | 80 N/mm ² (ONR 23303) |
| Tensile bending strength: | 60 N/mm ² (DIN EN 196-1) |
| Load: | Wheel Load 6,000 kg per 10 cm ² supporting area |



FloorBridge® SL 15/08

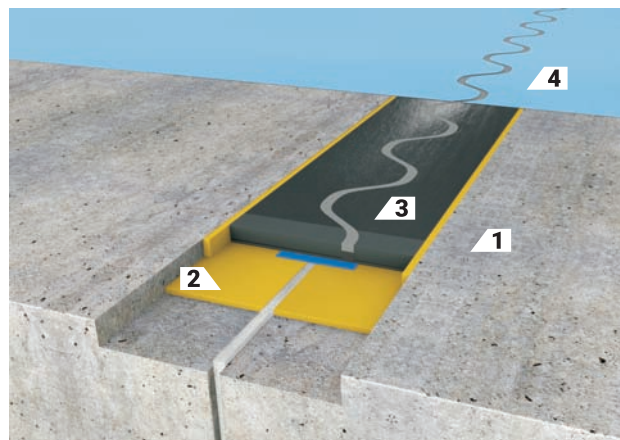
The FloorBridge® joint profile **SL 15/08** is a prefabricated polymer floor joint profile in carbon fibre composite technology - developed for particularly narrow joints up to max. 8 mm in the substrate. The product is suitable for horizontal joint movements and enables a watertight connection to the adjacent coating.

FIELDS OF APPLICATION

- Warehouses and high-bay warehouses
- Industrial buildings
- Car manufacturers and supplier companies
- Production plants
- Shopping centers and supermarkets
- Hospitals and laboratories
- Pharmaceutical industry (production and distribution)
- Food industry (production and distribution)

PRODUCT CHARACTERISTICS

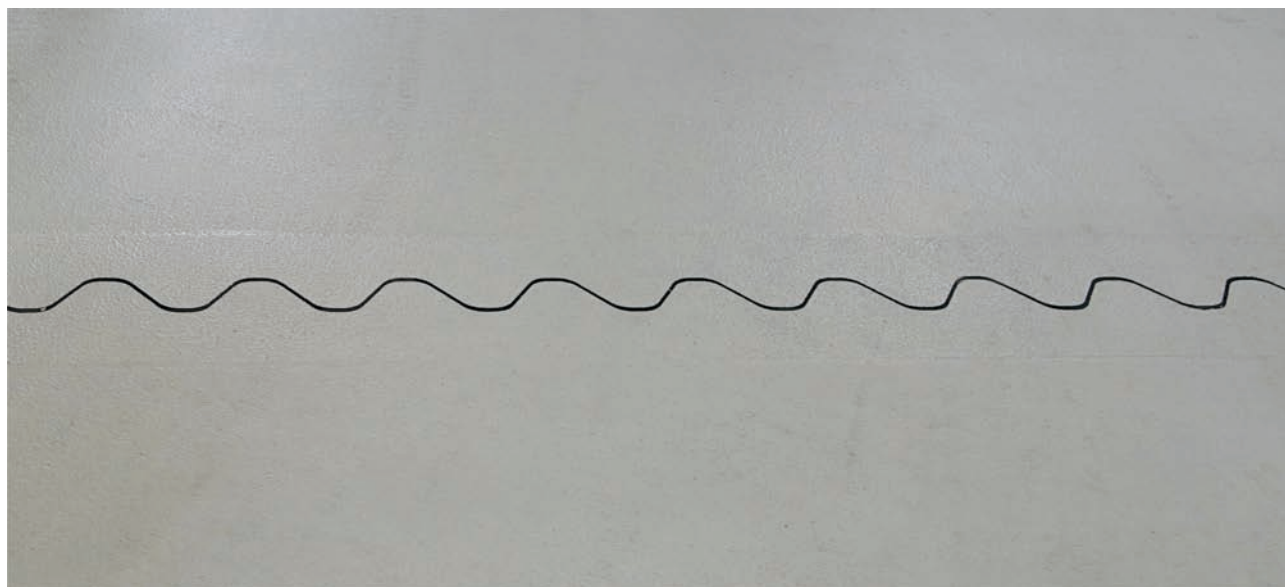
- metal-free
- waterproof system version possible (with FB-sealing membrane)
- can be grinded several times
- suitable for heaviest load
- backrest-friendly for forklift drivers
- reduced stacking costs (wheel bearings, tires ...)
- tight coating connection possible
- low installation height
- individual color design (coatable)
- can be driven on after a few hours



- 1** concrete
- 2** composite adhesive
- 3** joint profile SL 15/08
- 4** coating

TECHNICAL DATA

| | |
|----------------------------------|-----------------------------------------------------------|
| Width of joint profile: | ca. 130 mm |
| Length of joint profile: | ca. 1200 mm installed (1195 mm net) |
| Thickness of joint profile: | ca. 15 mm |
| Joint width in the substrate: | max. 8 mm |
| Dirt brake: | ca. 10 mm (depending on version) |
| Total horizontal joint movement: | 8 mm (-3/+5 mm) |
| Compressive strength: | 60 N/mm ² (ONR 23303) MPa |
| Bending tensile strength: | 50 N/mm ² (DIN EN 196-1) MPa |
| Load (Truck): | wheel load 5000 kg per 10 cm ² bearing surface |



FloorBridge® SL 15/05

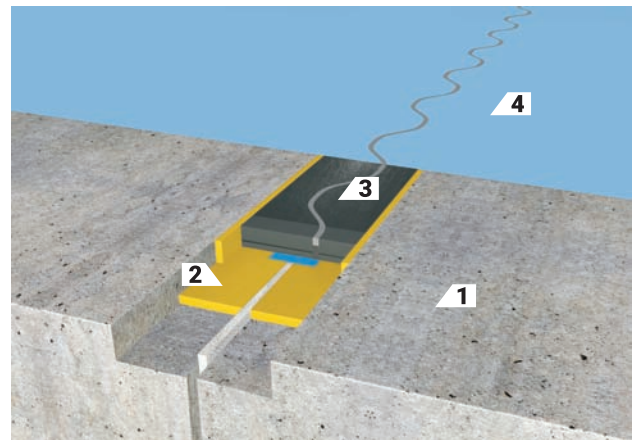
The FloorBridge® joint profile **SL 15/05** is a prefabricated polymer floor joint profile in carbon fibre composite technology - developed for particularly narrow cracks and contraction joints up to max. 5 mm in the substrate. The product is suitable for horizontal joint movements and enables a watertight connection to the adjacent coating.

FIELDS OF APPLICATION

- Industrial buildings
- Car manufacturers and supplier companies
- Pharmaceutical industry (production and distribution)
- Food industry (production and distribution)

PRODUCT CHARACTERISTICS

- metal-free
- can be grinded several times
- suitable for heaviest load
- reduced stacking costs (wheel bearings, tires ...)
- tight coating connection possible
- individual color design (coatable)
- can be driven on after a few hours



- 1 Concrete floor slab
- 2 Structural adhesive
- 3 Joint profile SL 15/05
- 4 Coating

TECHNICAL DATA

| | |
|-------------------------------|----------------------------------------|
| Width of joint profile: | approx. 80mm |
| Length of joint profile: | approx. 1200mm installed (1195 mm net) |
| Thickness of joint profile: | approx. 15mm |
| Joint width in the substrate: | max. 5mm |
| Contamination seal: | approx. 5mm (depending on model) |

| | |
|----------------------------------|------------------------------------------------------------|
| Total horizontal joint movement: | 5 mm (-2/+3 mm) |
| Compressive strength: | 60 N/mm ² (ONR 23303) |
| Tensile bending strength: | 50 N/mm ² (DIN EN 196-1) |
| Load: | Wheel Load 6,000 kg per 10 cm ² supporting area |

FloorBridge® ST 30/30 Joint profile with greater grinding depth

The FloorBridge® joint profile **ST 30/30** is a prefabricated polymer floor joint profile in carbon fiber composite technology - specially developed for use in high-bay warehouses where an above-average grinding depth is required. The product is suitable for horizontal joint movements and enables a watertight connection to the adjacent coating.

FIELDS OF APPLICATION

- Warehouses and high-bay warehouses
- Car manufacturers and supplier companies
- Food industry (production and distribution)

PRODUCT CHARACTERISTICS

- metal-free
- can be grinded several times
- suitable for heaviest load
- reduced stacking costs (wheel bearings, tires ...)
- can be driven on after a few hours



FloorBridge® JOINT PROFILES FOR SPECIFIC APPLICATIONS

FloorBridge® AC 20/30 for air - cushion vehicles

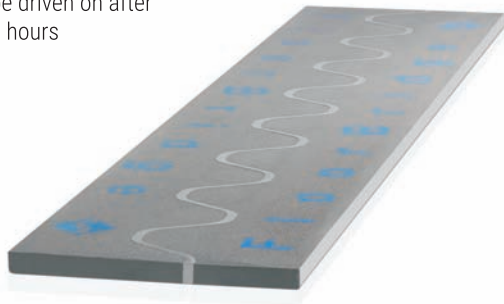
The FloorBridge® joint profile **AC 20/30** is a prefabricated polymer floor joint profile in carbon fibre composite technology, which, due to its special design & composition, enables trouble-free driving over with air cushion vehicles.

FIELDS OF APPLICATION

- Industrial buildings
- Car manufacturers and supplier companies
- Food industry (production and distribution)

PRODUCT CHARACTERISTICS

- metal-free
- can be grinded several times
- tight coating connection possible
- individual color design (coatable)
- can be driven on after a few hours



FloorBridge® ST 30/30 Terrazzo

The FloorBridge® joint profile **ST 30/30 Terrazzo** is a prefabricated polymer floor joint profile in carbon fibre composite technology, where a special additive is added in the production process to create a terrazzo effect after diamond grinding.

FIELDS OF APPLICATION

- Industrial buildings
- Shopping centers and supermarkets
- Hospitals and laboratories
- Pharmaceutical industry (production and distribution)
- Food industry (production and distribution)

PRODUCT CHARACTERISTICS

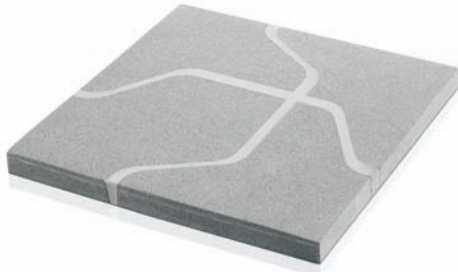
- metal-free
- can be grinded several times
- suitable for heaviest load



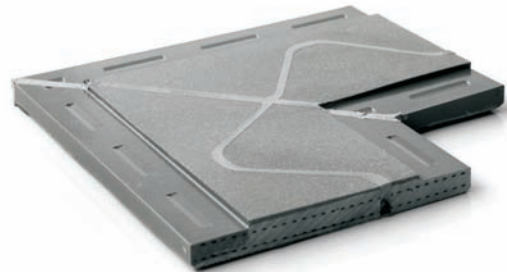
FloorBridge® – MOULDED PARTS

The right detailed solution for all requirements

There are various **moulded parts** available for **joint - crossings, wall connections and other details**, which can be ordered from FloorBridge® to meet project specific design requirements.



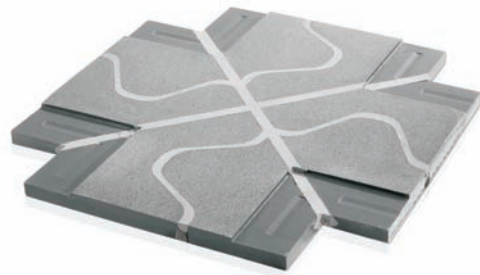
Uni-shaped part for ST 20/30
article No. 23



RC L-shaped part – article No. 88
WGX L-shaped part – article No. 27



RC T-shaped part – article No. 89
WGX T-shaped part – article No. 28



RC Cross-shaped part – article No. 64
WGX Cross-shaped part – article No. 29



FloorBridge® **WALL PLATE** (24 x 20 cm)
article No. WP

Adhesive FloorBridge® Connect 01 / 03

9 kg – article No. 35

30 kg – article No. 122 / article No. 34



Adhesive FloorBridge® Connect 04

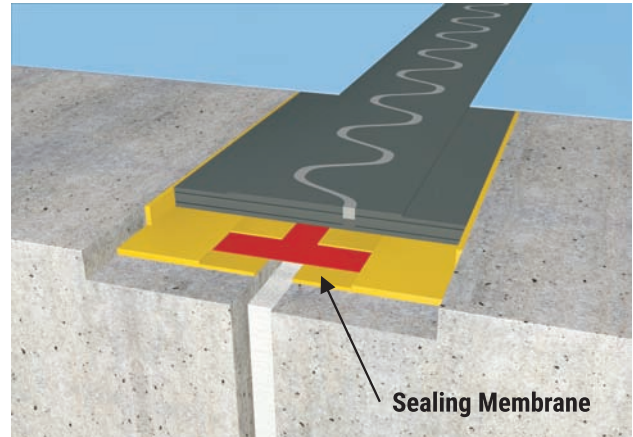
26 kg – article No. 147



ACCESSORIES / OTHER PRODUCTS

Sealing membrane (roll 40 m)

SM 150 – article No. 33

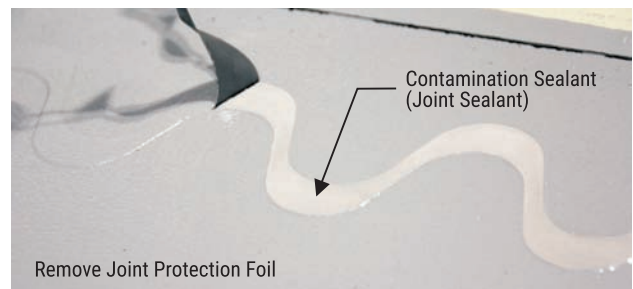


High-performance Sealing Membrane made from modified thermo-plastic elastomer for sealing exterior and interior expansion-, movement- and shrinkage joints.

Joint Protection Foil for WGX, ST, SL, AC and RC Profile



Joint Profile Protection Foil – this ensures, that the contamination sealant remains fully functional and therefore stays elastic following sealer/coating application.



FloorBridge® PU foam tape
article No. 134



Trowel FloorBridge® SP 04 universal
article No. 37





FloorBridge®

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