

FloorBridge® AC 20/30

Air cushion

Extremely resistant, prefabricated polymer floor joint profile in carbon fiber composite technology.

Product characteristics: for air cushion transport devices
 suitable for heaviest loads
 no noticeable vibrations while driving
 backrest-friendly for forklift drivers
 high driving comfort
 reduced stacking costs (wheel bearings, tires, etc.)
 thermal expansion coefficient similar to resin floors
 tight coating possible
 low installation height
 simple installation
 high chemical resistance
 suitable for food products
 temperature- and weather-resistant
 partial quick repair possible
 metal-free, therefore non-corrosive
 when using special rapid implementation,
 can be driven on after 12 hours

Technical specifications:

Width of joint profile:	ca. 250 mm
Length of joint profile:	ca. 1200 mm installed (1195 mm net)
Thickness of joint profile:	ca. 20 mm
Joint width in the substrate:	ca. 30 mm
Contamination seal:	ca. 10 mm
Bonding adhesive:	FloorBridge® Connect 03
Subsoil and Air temperature:	min. +10°C - max. +30°C (if lower or higher temperatures consult the material manufacturer)
Grindable:	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 6000 kg per 10 cm ² bearing surface
Fire classification:	Bfl-s1 (hardly inflammable)
Colour:	grey
Packaging (euro-pallet):	84 pcs.à 1,20 m, total: 100,8 m

Fields of application:

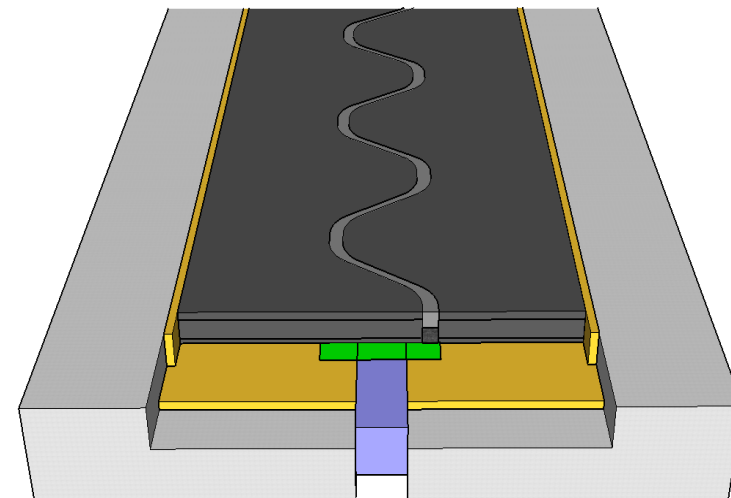
Warehouses and very narrow aisles warehouses
 Industrial buildings
 Car manufacturers and supplier companies
 Production plants
 Pharmaceutical industry (production and distribution)
 Food industry (production and distribution)

Joint movement:

on request

Explanation:

The joint movements of the components must be calculated by a specialist (structural engineer / planner) and made available to all parties involved.



The installation will be carried out by trained companies.

SUBSTRATE QUALITY, PREPARATION AND PROCESSING

Refer to the FloorBridge® Installation Manual.

APPLICATION INSTRUCTIONS

Please refer to the product data sheet of the bonding adhesive FloorBridge® Connect 03 used in the installation and/or the FloorBridge® Installation Manual.

CLEANING OF TOOLS

Please refer to the product data sheet of the bonding adhesive used in the installation.

NOTES ON APPLICATION / LIMITATIONS

Please store the joint profiles in a horizontal, flat position.

No vertical movements may occur in the concrete slabs at the joint area. If there is a vertical movement of the concrete slabs in the joint area, this must be repaired before the joint repair by suitable measures such as anchoring, pinning, etc. or ground solidification (cement paste injections or the like); this is absolutely necessary for the stability of the concrete slab!

Compaction of the ground or adhesive in the joint area can cause cracks in the FloorBridge® joint profile. These cracks do not constitute a defect, since they do not affect the viability and usability.

The prefabricated joint profile can be delivered without or with different dirt brakes depending on requirements. (Compriband or grout) Depending on the joint movement, the dirt brake can swell out, sink or split.

However, this has no effect on the technical usability of the FloorBridge® joint profile since the dirt brake is intended to reduce the contamination.

Joint sealants in parking garages or industrial floor areas are subject to increased wear and therefore are considered as "maintenance joints". This maintenance joint serves for better cleanability of the joint profile and is not permanently impermeable. The dirt brake should be periodically checked, cleaned and, if necessary, renewed.

The dirt brake itself must not be sealed/coated. If waterproofing is required, a FloorBridge® SM 150 sealing tape must be installed under the FloorBridge® joint profile.

If the joint profile is used outdoors, it must be sealed with a UV protective coating. In the event of very high temperature changes, cracking in the butt joint (adhesive) may occur in the abutting area of the individual profiles. This does not affect the navigability and tightness of the system and therefore does not affect the usability. FloorBridge® joint profiles may be crossed at a maximum speed of <30 km / h.

If the joint profile has been ground too deep, FloorBridge International GmbH will not be held liable. No liability is assumed for the case of non-intended use or installation.

VALUE BASE

All technical data stated in this product data sheet are based on laboratory tests. Actual measured data may vary due to circumstances beyond our control.

ECOLOGY, HEALTH AND SAFETY INFORMATION (REACH)

This product is an article as defined in article 3 of regulation (EC) No 1907/2006 REACH). It contains no substances, which are intended to be released from the article under normal or reasonably foreseeable conditions of use. A safety data sheet following article 31 of the same regulation is not needed to bring the product onto the market, to transport or use it. For safe use follow the instructions given in this product data sheet.

Based on our current knowledge, this product does not contain any SVHC (substances of very high concern) as listed in Annex XIV of the REACH regulation or on the candidate list by the European Chemical Agency in concentrations above 0.1 % (w/w).

LEGAL NOTES

The information, and, in particular, the recommendations relating to the application and end-use of FloorBridge products, are given in good faith based on the current knowledge and experience of FloorBridge International GmbH about the products, and apply if properly stored, handled and under normal conditions in accordance with FloorBridge International GmbH recommendations.

In practice, the differences in materials, substrates and deviating working conditions are so important that no warranty in respect of merchantability or of suitability for a particular purpose, nor any liability arising out of any legal relationship whatsoever, can be inferred either from this information, or from any written recommendations, or from any other advice offered resp. given council.

The user of the product must test the product's suitability for the intended application and purpose. FloorBridge International GmbH reserves the right to change the properties of its products. The proprietary rights of third parties must be observed. All orders are accepted subject to final confirmation and subject to our current terms and conditions regarding sales and deliveries.

Users must always refer to the most recent issue of the local product data sheet for the product concerned, copies of which will be supplied on request. It may be necessary to adapt the above disclaimer to specific local laws and regulations. Any changes to this disclaimer may only be implemented with permission of FloorBridge International GmbH.

