

MC-Floor Connect ST

Shock-free driven standard joint profile for inside areas



PRODUCT PROPERTIES

- High mechanical resistant precast joint profile
- Grind able, therefore totally smooth transition to surrounding substrates
- Carbon fiber reinforced and free of steel
- Low installation height
- low vibration traversable
- Fast application and easy to repair
- coatable
- loadable up to forklift class FL6 - axle load 170 kN (DIN 1991-1-1)

AREAS OF APPLICATION

- Storage areas and high-bay warehouse
- Industrial and manufacturing facilities
- Shopping center and supermarkets
- Hospitals and laboratories
- Civic centers and Schools
- Pharmaceutical and food industry

APPLICATION ADVICE

Application

MC-Floor Connects backside is glued with MC-Floor Connect Adhesive completely and applied centered over the joint. Please ask for our technical manual MC-Floor Connect. The preset mixing ratio shall be followed precisely.

General information

MC-Floor Connect is delivered with a joint sealer. This maintenance joint serves for better clean ability of the profile and is fluid-tight up to 3 mm joint movement. If bigger movements appear, an additional seal has to be made with Mycoflex WW-Band underneath the profile. Please ask for our technical manual MC-Floor Connect.

Joint movement MC-Floor Connect ST

| Joint width | Max. stretching | Max. compression |
|-------------|-----------------|------------------|
| 0 mm | 20,0 mm | 0 mm |
| 5 mm | 17,5 mm | 5 mm |
| 10 mm | 15,0 mm | 5 mm |
| 15 mm | 12,5 mm | 5 mm |
| 20 mm | 10,0 mm | 5 mm |
| 25 mm | 7,5 mm | 5 mm |
| 30 mm | 5,0 mm | 5 mm |

TECHNICAL VALUES & PRODUCT CHARACTERISTICS

| Characteristic | Unit | Value | Comments |
|----------------------|-------------------|------------------|----------|
| Compressive strength | N/mm ² | approx. 80 | |
| Tensile strength | N/mm ² | > 4 | |
| Temperature | °C | approx. -25 - 40 | |
| Grindable until | mm | < 3 | |
| Grouting width | mm | 10 | |
| Profile weight | kg/ea | 11 | |

All technical values are laboratory results determined at 21°C ±2°C and 50% relative humidity.

| | |
|--------------------|--|
| Profile colour | grey |
| Profile length(cm) | 120 |
| Profile width(cm) | 25 |
| Profile depth(cm) | 2 |
| Delivery form | Precast profiles on pallets Available special profiles: MC-Floor Connect ST-uni |
| Storage | Store horizontal and flat. |

Safety instructions

Please note the safety information and advice given on the packaging labels and safety data sheets.

Note: The information contained in this data sheet is based on our experience and is correct to the best of our knowledge. It is, however, not binding. It will need to be adapted to the requirements of the individual structure, to the specific application and to non-standard local conditions. Application-specific conditions must be checked in advance by the planning engineer/specifier and, where different from the standard conditions indicated, will require individual approval. Technical advice provided by MC's specialist consultants does not replace the need for a planning review by the client or its agents in respect of the history of the building or structure. Subject to this prerequisite, we are liable for the correctness of this information within the framework of our terms and conditions of sale and delivery. Recommendations of our employees deviating from the information given in our data sheets are only binding for us if they are confirmed in writing. In all cases, the generally accepted rules and practices reflecting the current state of the art must be observed. The information given in this technical data sheet is valid for the product supplied by the country company listed in the footer. It should be noted that data in other countries may differ. The product data sheets valid for the relevant foreign country must be observed. The latest technical data sheet shall apply to the exclusion of previous, duly superseded versions; the date of issue in the footer must be observed. The latest version is available from us on request or may be downloaded from our website. [2300018250]