

INDUSTRIAL FLOOR BONDING AGENT

IH10 INDUSTRIAL FLOOR BONDING AGENT (0-1 mm)

TEST CERTIFICATES AND SUPPORTING DOCUMENTS

- › Factory production control acc. to DIN EN 1504-6
- › Company certification acc. to DIN EN ISO 9001:2015

PROPERTIES

- › Bonding agent ready to use for the **IB20** INDUSTRIAL FLOOR
- › Only needs to be mixed with water
- › Soft elastic consistency
- › Easy to process
- › Quick bond between substrate and industrial floor
- › Complies with the requirements of building material class A1 (non-combustible) as specified under decision 2000/605/EC of the European Commission dated September 26, 2000 (published in the official journal L258)

AREAS OF APPLICATION

- › Bonding agent for
 - High strength and wear-resistant industrial floor coatings
 - Heavy-duty industrial floor coverings
 - Concrete substrates from a concrete strength class of C20/25
 - Large-scale industrial floor coatings from concrete strength class C30/37
 - **IB20** INDUSTRIAL FLOOR

TECHNICAL DATA

TYPE		IH10	
Grain size	mm	0-1	
Amount of water	max. %	14	
Processing time approx.	bei 20 °C min	20	
(depending on the roughness of the base)			
Consumption approx.	kg/m ²	2-3	
Fresh mortar raw density approx.	kg/m ³	2,200	

Storage: 6 months. Cool, dry, free from frost. Unopened in its original container.

Delivery form: 25-kg bag, Euro palette 1,000 kg

Hazard class: Non-hazardous material, observe information on packaging.

GISCODE: ZP1

PAGEL PRODUCT COMPOSITION:

Cement: acc. to DIN EN 197-1

Aggregate: acc. to DIN EN 12620

Additions: acc. to DIN EN 450, general building inspection approval (abZ), DIN EN 13263 (fly ash, microsilica, etc.)

PROCESSING

Reinforcing steel:

Blast all rust off exposed reinforcement bars until the underlying metal has been exposed acc. to purity grade SA 2 ½ in accordance with DIN EN ISO 12944-4.

Cement-bound substrates:

Remove loose and unsound material such as cement slurry and dirt etc. using suitable methods, e.g. shot-blasting or similar until the underlying solid grain structure has been exposed.

A sufficient average tear strength (1.5 N/mm², KEW 1.0 N/mm²) must be ensured.

Prewet the concrete substrate to capillary saturation for approx. 6-24 hours.

CORROSION PROTECTION:

Apply two complete coats of **RM02** CORROSION PROTECTION AND BONDING AGENT using a brush.

MIXING:

The bonding agent is supplied ready to use and only needs to be mixed with water. Fill the specified amount of water apart from a residual amount into a clean and suitable mixing device (e.g. compulsory mixer). Add the bonding agent and mix for at least 3 minutes. Add the remaining water and mix for at least another 2 minutes until it forms a homogeneous mass.

APPLICATION:

Use a brush or broom, and brush onto the pre-wetted, slightly damp concrete substrate until it has penetrated right down into the pores and without leaving any gaps. The subsequent mortar coating must be applied wet-on-wet. If the application is stopped, or if the bonding layer starts to harden, it must be left to fully set. After a corresponding waiting time repeat the process.

Temperature range: + 5 °C to + 30 °C

Mixing water: Drinking water quality