

# INDUSTRIAL FLOOR BONDING AGENT

## IH10 INDUSTRIAL FLOOR BONDING AGENT

### TEST CERTIFICATES AND SUPPORTING DOCUMENTS

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

### PROPERTIES

- › Ready to use, cement-bound bonding agent
- › Only needs to be mixed with water
- › Soft elastic consistency
- › Easy to process
- › Non-combustible

### SYSTEM COMPONENTS

<b>RM02</b>	Corrosion protection
<b>IH10</b>	Industrial floor-Bonding layer
<b>IB20</b>	Industrial floor
<b>IB50PP</b>	Industrial floor
<b>IB50SF</b>	Steel fibre floor

### AREAS OF APPLICATION

- › Bonding agent for PAGEL<sup>®</sup> industrial flooring products

## TECHNICAL DATA

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

**Storage:** 12 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

### Non-iron metals:

Cement and cement-bound building materials may cause non-iron-metals in the transitional area of the contact surface (e.g. aluminium, copper, zinc) to loosen. Please contact us for technical advice.

### MIXING:

The dry mortar 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 dry mortar 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.

### Mixing water:

Drinking water quality

### Temperature range:

+5 °C to +30 °C (component, air and material temperature)

Low temperatures and cold mixing water reduce strength development, require intensive forced mixing and reduce flowability. Higher temperatures accelerate.

### APPLICATION:

Corrosion protection If necessary, apply two coats of **RM02** corrosion protection and bonding bridge to exposed and prepared reinforcement. Observe the technical data sheet.

### Manual application:

Use a brush or broom, and brush onto the pre-wetted, matt-moist 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.

## PROCESSING

### SUBSTRATE PREPARATION:

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/mm<sup>2</sup>, KEW 1.0 N/mm<sup>2</sup>) must be ensured.

### Prewetting:

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

### Reinforced concrete:

The grade of surface preparation of reinforcement as well as other metallic parts is based on the requirements of the current applicable regulations and must be ensured before the application.

The information provided in this leaflet, application instructions and other recommendations are based on extensive research and experience. They are, however, not binding, in particular with regard to third party proprietary rights, and do not relieve the customer of his responsibility to verify that the products and processes are suitable for the intended application. The indicated test data are mean values and average analyses. Deviations are possible when delivery takes place. Recommendations that differ from those provided in this leaflet require written confirmation. Planners and operators are responsible for ensuring that this leaflet is the latest edition and for obtaining information on the latest technological developments. Our customer service staff will be happy to answer your questions at any time. Many thanks for your interest in our products. This technical data sheet supersedes all previously issued product information. Please visit our website for the latest valid version of this brochure at [www.pagel.com](http://www.pagel.com).

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