

HA-BE BONDING AID

Item No 0321/D

Dispersion for creating bonding courses and for improving the adhesion of cement-based mixes

FIELDS OF APPLICATION

HA-BE BONDING AID is a synthetic dispersion designed to create an excellent, durable adhesion of cement-based mixes.

The admixture can be used in the following application areas:

- For the production of bonding courses between new and old concrete, between composite screed and renders.
- Admixture for repair mortars.
- Admixture for durable screeds and cement-based renders
- Admixture for thin bed adhesive

DOSAGE

The dosage depends on the field of application, prevailing weather conditions and the application procedure. A recommendation is given on the last page.

Pre-tests have to be conducted.

BENEFITS

The product has the following advantages:

- Prevent from draining
- Increases the bending tension strength
- Avoid dust
- Plasticises
- Enhances the water tightness of mortar
- Improves the elasticity of mortar
- Increases the resistance to chemicals

TECHNICAL DATA

Homogeneity	homogenous
Colour	white
State	liquid
Density	$1.03 \pm 0.02 \text{ g/cm}^3$
pH-value	8 ± 1
Shelf life	approx. 6 month from date of production if stored properly
Storage conditions	Store under cover, out of direct sunlight and protect from extremes of temperature.

PROCESSING INDICATIONS

First Step

The surface to be treated must be free of loose particles, defects have to be chipped off and residues of separating agents have to be removed. Particularly advantageous is the underground preparation is a high pressure cleansing. Pre-wet the surface. Avoid puddle formation.

Second Step

Add the defined ratio of water to the bonding course and stir with an agitator until processable, pliable, pasty slurry is obtained. Ensure proper blending of the ingredients.

Third Step

HA-BE BONDING AID need to be applied "Fresh in Fresh"!

Spread the mixed Bonding Course on the prepared underground; do not allow the bonding course to dry! Any dried (matt or light-coloured) Bonding Course ZE is now unusable and must be removed

Clean tools after use! Dried bonding course can only be removed mechanically.

PACKAGING

- 30 l can
- 200 l barrel
- 1000 l container

HEALTH & SAFETY

This product is not classified as hazardous according to the current regulations. Refer to the corresponding Material Safety Data Sheet for further advice.

REMARKS

This information describes the application- and processing possibilities of a product and its operation principles under regular conditions. Having no influence on the further application and processing, especially in conjunction with other construction materials, the given indications are neither a warranty in respect of the product's properties or its fitness for a particular purpose nor a full instruction of use. This information, any other recommendation or verbal advice are not binding and do not infer to any liability or legal demand.

Due to continuous further development, the most recent Technical Data Sheet is valid and will be supplied on request. All orders are accepted subject to our current general terms and conditions.

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DOSAGE TABLE

The dosage depends on the field of application, prevailing weather conditions and the application procedure. Pre-tests have to be conducted. A guideline is given below:

	RATIO WATER/ HA-BE BONDING AID	RATIO CEMENT/AGGREGATE	CONSUMPTION/ APPLICATION QUANTITY
Bonding Aid	1:5	1:2	0.15 – 0.25 kg/m ²
Repairing Mortar (thickness ≤ 10 mm)	1:1	1:3	0.30 – 1.00 kg/m ²
Repairing Mortar (thickness ≥ 10 mm)	1:3	1:4	0.30 – 1.00 kg/m ²
Thin bed adhesive	1:2 – 1:2	1:2 – 1:4	0.20 – 1.00 kg/m ²
Bonding Screed (10 – 35 mm)	1:4 – 1:5	1:2 – 1:3	0.40 – 0.75 kg/m ²
Floating Screed (> 35 mm)	1:5 – 1:6	1:3 – 1:4	0.30 – 0.50 kg/m ²
Render	1:2 – 1:10	1:2 – 1:4	0.25 – 0.80 kg/m ²

SUITABILITY- AND PRELIMINARY TESTS ARE NECESSARY BEFORE APPLYING THE CONCRETE ADMIXTURE