

harb

Mineral bonding agent as primer
between old and new cementitious
concrete, screed and mortar



DESCRIPTION

harb is a liquid additive for producing a mineral bonding agent. It creates a strong and permanent bond between cementitious concrete, screed and mortar. Thanks to its strong and elastic adhesion, it can also withstand high stresses.

KEY FEATURES

- Strong and permanent adhesive bond
- Increased elasticity
- Improved oil and water resistance

AREAS OF APPLICATION

- As a bonding agent for concrete
- As a bonding agent for screeds
- As a bonding agent for mortar
- Suitable for wet and outdoor areas

SUBFLOOR PRE-TREATMENT

1. Proper subfloor preparation must be ensured by shot blasting, milling or grinding.
2. The surface of the subfloor must be clean, absorbent, load-bearing, firm and free of cracks.
3. After preparation, the surface must then be cleaned and watered at least 24 hours in advance so that the substrate has absorbed sufficient moisture.
4. Avoid the formation of puddles.
5. The size of the surface to be treated with **harb** must be selected so that the new concrete, screed or mortar can always be applied fresh on fresh.

MIXING INSTRUCTIONS AND APPLICATION

1. Mix all aggregates including the mineral bonding agent **harb** as described in the mix design in a container provided for this purpose.
2. Next, stir the mixture thoroughly with a hand mixer for at least 3 minutes until a slurry is formed.
3. Spread the ready-mixed bonding agent over the prepared subfloor and brush into the subfloor with a hard broom.
4. Immediately cover the brushed-in bonding agent with concrete, screed or mortar to prevent it from drying out prematurely.
5. Depending on the condition of the subfloor, material for 15–20 m² is obtained.

MIX DESIGN

Cement amount	25 kg
Dosage	3 litres
Water	5–7 litres

BASIC MATERIALS, STANDARDS AND TESTING REGULATIONS

- CEM I or CEM II (A-L, A-LL, B-L, B-LL) following EN 197-1
- Preliminary testing and suitability verification required

SAFETY

- Always observe general work hygiene when using our products.

TECHNICAL DATA

- Form: liquid
- Colour: white
- Density: 1,05 ± 0,02 kg/dm³
- Supply form: 10 litres, 20 litres, 1.000 kg
- Storage: store protected from frost, heat and direct sunlight
- Shelf life: at least 12 months (in sealed containers)

Bondera Chemicals GmbH products are sold under warranty against defects in material and manufacturing and are subject to our Terms and Conditions, which are available upon request.

The technical data sheet has been prepared by and for Bondera Chemicals GmbH. Please contact the technical team for further information.

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