

# harb

## Mineral bonding agent for concrete, mortar and screeds



### Main features

 Strong and permanent adhesive bond

 Improved oil and water resistance

### About this product

**harb** is a high-performance liquid additive engineered to create a strong and permanent bond between cementitious concrete, mortar and screeds.

Thanks to its strong and elastic adhesion effect, it can also withstand high stresses.

### Admixture design

Cement	25 kg
Dosage <b>harb</b>	3 litres
Water	5 - 7 litres

### 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 m<sup>2</sup> is obtained.

## 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.

## Basic material, standards and testing regulations

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

## Technical data

- Form: liquid
- Colour: white
- Density:  $1.05 \pm 0.02 \text{ kg/dm}^3$
- 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)

## Comments

The raw materials we use as well as the products we manufacture are subject to comprehensive internal quality control procedures and are regularly inspected. When using this product, no additives from other manufacturers may be mixed in or applied. Before application, it must be ensured that both our products and the selected method are suitable for the specific site conditions. The quality of the screed is significantly influenced by the properties of the sand and cement, the correct mixing ratio, and proper installation in accordance with approved screed technology.

As we have no control over actual site conditions or the execution of the work, no liability claims can be derived from the information contained in this data sheet. Upon publication of this edition, all previous versions shall become invalid.

For advice or further information, please contact our technical team.

As of 20 February 2026