BAUBOND®

Cement-polymer adhesive layer

PRODUCT DESCRIPTION

The **BAUBOND** is used for making an adhesive layer, which bridges tensions between the old concrete surfacing and a thin layer concrete flooring.

AREAS OF USE

To perform bonding layer connecting a new concrete layer pavement with the existing concrete floor.

CHARACTERISTICS

- Transmit tension between the new floor and the ground
- High adhesion to concrete

APPLICATION CONDITIONS

BAUBOND can be used at ambient temperature +5°C - +25°C only. Surface should be protected from rapid loss of moisture as a result of the impact of high temperatures, drafts, sunlight, etc.

SURFACE PREPARATION

The concrete surface shall be free of any contamination and loose parts, and the existing cracks and losses shall be repaired. The base may not be frozen. It is necessary to remove from the surface any oil stains etc., as well as tire marks or surface markings. Concrete fragments with corrosion (e.g. chloride corrosion) should be removed. Damage of concrete caused by corroding reinforcing steel shall be broken away, and all damages and loose parts removed.
If possible the surrounding areas of reinforcing shall be uncovered and rust shall be removed. Ripping strength of the surface layer may not be lower than 1.5 N/mm^2. The base may be prepared by shot blasting or milling. The concrete base shall be cleaned and next saturated with water. It is not permissible to allow puddles.

APPLICATION METHOD

The measured quantity of clean water (8.3 - 10 l) shall be poured into a clean vessel. Then the entire contents of the **BAUBOND** bag (25 kg) should be slowly emptied into water, with simultaneous mixing for minimum 5 minutes with a mixer mounted on a slow rotation drill (400 rotations/minute). A homogenous mixture should be achieved (without lumps), which may thicken a little. The suspension should have adequate viscosity to allow desired spreading. Prepare portions of which will be used within about 45 minutes.

ATTENTION!
In the winter periods material must be kept in a heated room before mixing. Low temperatures may cause that some additives will not be able to dissolve during mixing. High temperatures may cause changes in the consistency of mortar and bond quickness. Mixed mortar left in the container for longer than 5 minutes should be re-mix.

CLEANING OF TOOLS

Clean all tools and application equipment with water immediately after use. Hardened material can only be removed mechanically.

HEALTH AND SAFETY PRECAUTION

The mixture contains cement - mixed with water gives an alkaline reaction. Avoid breathing, protect eyes and skin. In case of contaminations: clean eyes with plenty of water, wash skin with soap and water. Working areas should be ventilated. Keep away from the children.

MISCELLANEOUS INFORMATION

All the information herein refers to products stored and used according to our recommendations, has been presented in good faith and takes into account the current state of knowledge and experience of BAUTECH. You are obliged to use the product in accordance with its intended purpose and BAUTECH's recommendations. All the technical information provided is based on laboratory tests and trials. Out-of-laboratory tests may give different results due to the conditions, location, manner of application and other circumstances that are out of BAUTECH's control. Any different recommendations issued by our employees must be made in writing; otherwise, they shall be deemed null and void. These instructions replace all the previous ones and make them void.

PACKAGING

25 kg bags, pallet 40 x 25 kg = 1000 kg

STORAGE

6 months from the date on the packaging, if stored in original, tightly closed packaging, in ventilated rooms, at the temperature between 5°C and 25°C. Protect from direct sunlight. Protect from freezing.

TECHNICAL DATA

Adhesion to concrete C20/25	min. 1,5 N/mm^2
Mixing proportions	8,3 – 10 l clean water on 25 kg (one bag) powder
Processing time in +20°C	about 45 min.
Usage	1,5 – 2,5 kg/m^2
Processing temperature	+5°C ÷ +25°C

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