

# BAUTECH CD HARD

## THE PRODUCT

Special, rapid, smooth mortar for floor coatings, low thickness repairs (> 40 mil/ 1.0 mm) and the sealing of cracks on industrial floors, pavements, and parking lots with high strength and hard abrasion resistance.

## FIELDS OF APPLICATION

- For low thickness repairs that will receive paintings, self-leveling, vinyl or wood floors and other finishes;
- Fast Recovery of industrial floors subject to heavy loads of traffic;
- Quick patches in floors of parking lots subject to high traffic and abrasion;
- Floors suffering from rising damp for further finishing;
- Surface Repairs in concrete

## TECHNICAL SPECIFICATIONS

- Easy handling and application
- Trafficable within 6 hours of application
- High strength, hard abrasion resistance, and high adhesion, even on ceramic and old concrete
- Withstands chemical exposures (Chemicals with pH 3 up to 12).
- Non-Shrink abilities
- Paintable after 24 hours of application.
- Low sensitivity to temperatures. It can be applied below 32°F. Excellent resistance to freeze-thaw cycle.
- Resistant to positive and negative hydrostatic pressure.
- Smooth finish



<b>PACKAGING</b>	10 lb (4.5kg) (25kg)
<b>WATER DOSAGE</b>	(1/5 gal / packing) (0,8 liters / packing)
<b>DENSITY</b>	3371 lb/yd <sup>3</sup> (2.000 kg/m <sup>3</sup> )
<b>COLOR</b>	Natural
<b>COVERAGE</b>	25 ft <sup>2</sup> per bag (10 lb) at 40 mil (1.0 mm)
<b>WORKING THICKNESS</b>	40 mil (1.0 mm) up to 200 mil (5.0 mm) for coat
<b>GRANULOMETRY</b>	0 to 20 mil (0 to 0,5mm)
<b>SHELF LIFE</b>	24 months from date of manufacture

## SITE PREPARATION

- All substrate must be structurally sound, solid, rough, clean, and free of any substances that may avoid or reduce adhesion. • The base should contain minimal resistance, compatible to at least 7 days without easy powder detachment.

## PRODUCT PREPARATION

- Add 1/5 gallon (0.8 liters) of water in a clean container, plastic or metal
- Add the 10 lb BAUTECH CD HARD gradually under constant agitation with the aid of a mechanical mixture, after that mix for 3 minutes
- Product usage time is 20 to 40 minutes and may vary according to ambient temperature.

## MECHANICAL STRENGTH (Mpa)

AGE	24 Hours	3 Days	7 Days	28 Days
<b>COMPRESSIVE STRENGTH</b>	2460 psi, (17MPa)	2900 psi, (20MPa)	3600 psi, (25 MPa)	> 4640 psi, (32 MPa)
<b>TRACTION IN FLEXION</b>	28 days: > 725 psi (5 MPa)			
<b>PULLOUT STRENGTH</b>	28 days: > 435 psi (3 MPa)			

**APPLICATION**

- Apply BAUTECH CD HARD a with metal trowel.
- For a smooth finish use the dry roller on the surface making he movements as if you were painting, this procedure removes marks from the trowel ande vens the surface.
- To improve the surface finish, use sandpaper between 2 – 24 hours after application, otherwise it will be difficult to sand.
- Expansion joints must be respected
- It is recommended to use a package at a time, because the working time of the material is short
- For applications above 200 mil (5.0 mm), it is recommended to perform the process in layers le, applied two or three layers, with 2 hours intervals.

**OPEN FOR TRAFFIC**

- 6 hours after the application (vehicles with tires).
- For any type of paint, 24 hours after full application
- If in doubt, check technical and application details in advance with the TECHNICAL DEPARTMENT OF BAUTECH, via e-mail (sac@bautechbrasil.com.br).

**PRECAUTIONS**

- Keeping the closed container when not in use.
- Never reuse the packaging for any purpose other than the conditioning of the product.
- Store the original packaging in a dry, ventilated area away from heat sources.
- Keep out of reach of children and pets.
- Prepare and apply the product to the ever-drying ventilated area.
- We recommend the use of PPE (personal protective equipment) such as gloves, boots and goggles.
- In case of contact with skin and eyes, rinse with clean running water for 45 minutes. If swallowed, do not induce vomiting. In both cases, consult a doctor immediately and take the pack.

**WARRANTY**

The information contained herein is supported by tests, analyzes and technical knowledge. Measured values and results may fluctuate due to environmental characteristics and / or use of the product that are not manufacturer's responsibility. There is no other express or implied warranties. No agent, seller, distributor or dealer has the authority to extend, modify or suppress these provisions.

**LIMITATIONS**

- Do not add water after the initial dose
- Do not apply on substrate with low resistance (powdery)
- Do not apply resin-coated or painted substrates