

Bond / Plus

(Tile Adhesive for Swimming Pools)

High performance cementitious tile adhesive specially developed for dealing with swimming pools ceramic and mosaic to provide a high bonding strength which is perfectly suitable for the sound back surface of the tiles.

ADVANTAGES

- It can be applied directly over substrate in a single layer ranging in thickness from 3-6 mm.
- Good open time.
- High water and impact resistance.
- Excellent slip resistance.
- Minimum shrinkage.
- High bond strength.

TECHNICAL INFORMATION

The next results were obtained in lab conditions, after mixing 210 ml water with one Kg of ***Bond / Plus***. The adhesive were applied in less than 10 minutes after the mixing.

- Bond Strength : > 0.5 MPa (EN 1348)
- Slip resistance : ~ 0.5 mm (EN 1308)
- Workability : ~ 30 minute (EN 1346)
- Deformation resistance : ~ 2.5 mm (EN 12002)
- Application Temp : not below 5° C

PACKAGING

Bond / Plus is packaged as 20 Kg bags.

PRECAUTIONS / LIMITATION :

Bond / Plus is cement based and the inhalation of dust and contact with eyes should be avoided.

Surface Preparation

Substrate surface must be sound and thoroughly cleaned. It should be free of oil, wax, dust etc. All loose particles, old wall paper, paint etc. should be physically removed. ***Bond / Plus*** can be applied directly on cement screeds, concrete or cement mortars.

Mixing

Mix (4 – 4.5) liter water for each 20 kg bag of ***Bond / Plus***. Mix thoroughly with a slow speed drill or with a paddle to get a uniform lump free consistency. Allow the material to stand for 3 -5 minutes after which it should be re-mixed prior to application. During hot weather, use cold water to increase the open time.

APPLICATION

For ceramic tiles apply ***Bond / Plus*** using a flat trowel at a thickness of 3mm and comb with a notched trowel. Apply the tiles immediately. Back butter large tiles and applies with a sliding motion.

Straighten the tiles immediately to avoid breaking the bond. For quarry and cement floor tiles, spread the required setting bed in the conventional manner to get 2 - 3 mm thickness, apply the tiles immediately and hammer gently with a soft mallet to assume a better bond. Apply only to areas which can be tiled in the adhesive's open wet time, normally up-to 1 m2 at a time.