

## ***Bond / Regular***

(Tile Adhesive)

High performance adhesive for the permanent installation of ceramic, mosaic, quarry, terrazzo and cement tiles to masonry, cementations Substrates and dry walls.

### **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 / Regular***. 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 : ~ 20 minute (EN 1346)
- Deformation resistance : ~ 2.5 mm (EN 12002)
- Application Temp : not below 5° C

### **PACKAGING**

***Bond / Regular*** is packaged as 20 Kg bags.

### **PRECAUTIONS / LIMITATION**

***Bond / Regular*** 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 / Regular*** 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 / Regular***. 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 / Regular*** 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 m<sup>2</sup> at a time.