

BC Bond adhesive

High Performance Tile Adhesive

Description:-

BC BOND XP is a high performance polymer modified cementitious tile adhesive available in Grey and White Colors.

Features & Advantages:

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| It can be applied directly over substrate in a single layer ranging in thickness from 2-6 mm |
| Good open time |
| High water and impact resistance Excellent slip resistance |
| Minimum shrinkage |
| Excellent bond strength to many tricky and difficult substrates |

Basic Uses:

BC BOND XP is used for the permanent ceramic, porcelain, mosaic, quarry, artificial granite and marble, terrazzo to masonry, cementitious substrates and dry walls.

Recommended Uses:

BC BOND XP is used for the permanent ceramic, mosaic, quarry, artificial granite (Quarella), terrazzo and cement tiles to masonry, cementitious substrates and dry walls

Can be used for internal and external wall and floor applications

Can be used in swimming pools and similar continuously wet applications without the need for additional polymer latex.

Technical Properties:

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| Open time (BS 5980-91) | -25minutes |
| Pull out bond strength ;Artificial granites- | 0.30 MPa |
| Ceramic tiles - | 1.00 MPa |
| Limit of BS 5980-91 - Min | 0.17 MPa |
| Shear strength :BS 5980-91) | - 1.2 MPa |

Preparation:

Surface Preparation substrate surface must be sound and thoroughly cleaned. It should be free of oil, wax, dust ect. All loose particles, old wall paper, paint ect. Should be physically removed.



Surfaces:

BC BOND XP can be applied directly on cement screeds, concrete or cement mortars. BC BOND XP should not be placed directly over Gypsum or Gypsum boards.

Mixing:

Mix three parts BC BOND XP to 1 part water by volume (5.5 to 6 liter water for each 25 kg bag of BC BOND XP). 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 BC BOND XP using a flat trowel at a thickness of 3 mm and comb with a notched trowel. Apply the tiles immediately. Back butter large tiles and apply with a sliding motion, straighten the tiles immediately to avoid breaking the bond. For quarry, Quarella, 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 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 1m² at a time.

Finishing:

Remove the excess BC BOND XP with a damp cloth before material has set and grout the joints with Tile Grout after 24 hours.

Precautions / Limitation:

BC BOND XP is cement based and the inhalation of dust and contact with eyes should be avoided.

Coverage:

20kg bag BC BOND XP will cover approximately 4.2 - 6.2 m² at a thickness of 2 - 3mm. The coverage depends on the conditions of the substrate and the type of tiles.

Packaging:

Available in 20 kg and in 25 kg bag

Color White.

The Technical specification information and recommendation given one based on the current technical knowledge and the user or his representative is recommended to check the suitability of the product Building chemistry industry reserves the right to amend the technical characteristic of the product as part of ongoing research and development. As the work execution is beyond the direct and continuous control of Building chemistry industry no guarantee and or responsibility is assumed on the performance of work completion executed with use of our products.

