

# MIXBOND Xtra

Multi-purpose bonding agent / admixture for cementitious mortars

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Cementitious system which designed to enhance physical properties of OPC system. Mixbond Xtra may be used in applications which require greater strength and flexibility characteristics given by latex resin modified mixes. This enhances bonding strength and chemical resistance.

## Appropriation

Used as an integral bonding agent within cementitious system  
Reduce water contents and improve adhesion to substrates  
Multipurpose application, economical, easy to use  
Tenacious adhesive properties  
User friendly and quick drying

## Characteristics

Improves the durability of mortar and renders  
Bonds with most common construction materials  
Single component liquid gauged as required  
Easily applied by brush or spray  
Contains no chloride admixtures  
Versatile and economical  
Eliminates hacking and keying by providing a mechanical key for receiving plaster or render coats

## Technical Data & Properties

Appearance: White liquid  
Standard confirms to: BS5270  
Tensile bond strength: 1.2Mpa (ASTM C932)  
Specific gravity: 1.0@20°C  
Chloride content: Nil, BS 5075  
Freezing point: 0 °C. Mix prior to use  
Flash point: None  
Compatibility with cements: Can be used with all types of Portland cement

## Product Management

As a bonding agent for mortar, mix Mixbond Xtra at a ratio of 1 part Mixbond Xtra to 1 parts water. If used as a rush coat it shall be mixed with water at a ratio of 1:1½ then mixed with cement. Mix well before use.

As a bonding agent for tiles, can be used as a general adhesive, if the surface is uneven, the adhesive should be filled as described below under Polystyrene tiles, ceramic, and concrete, quarry, and clay and terrazzo tiles: seal well into the surface and allow drying. Before bedding tiles in sand and cement give the floor and base of the tile a further coat of 3 parts Mixbond Xtrato one part water. Whilst this is still wet or tacky apply the sand and cement bedding to the base and bed the tiles.

As a primer for over coating bitumen with oil based paints, coat the Bitumen with a solution of one part Mixbond Xtra to one part water as an anti-bleed priming coat suitable for most oil-based paints.

As a general adhesive, Bonds asbestos, bricks, carpet, concrete cork, earthenware, glass, laminated plastic, leather, linoleum, plasterboards, polystyrene, renders, roofing felt, stone, tiles and wood, Mixbond Xtra will not bond polyethylene, PVC or rubber.

Where a repair to concrete is required, apply priming coat @ 1: ½ / Mixbond: Water and allow being tacky. Proceed to patch up repairs using a standard mix @ 1: 2.5 / Portland cement: Sand (clean, washed sharp) mixed to approximate consistency. This mix to be added with 2: 1 / Mixbond: Water.

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Cleaning: Mixbond Xtra should be removed from tools, equipment and mixers with clean water immediately after use. Spillages should be absorbed with clean sand or sawdust.

## Packing & Storage

Mixbond Xtra is available in 20kg, 150kg and 200kg drums. For site installations or mass consumptions, deliveries shall be made in bulk custom-designed containers. Should be stored in cool, shaded and dry warehouses, similar to cement. Shelf life is 12 months when stored under cover, out of direct sunlight, protected from extreme temperatures and as per recommendations. In extreme tropical climate, the product must be stored in cooled ambience. Excessive humidity and over exposure to UV will result in the reduction of shelf life

## Health & Safety

Mixbond Xtra contains no poisonous substance. As with all construction chemical products, caution should always be exercised. Protective clothing such as gloves and goggles shall be worn whilst handling. Wearing long sleeve overall, safety shoes and face mask is recommended for maximum safety. Reseal all containers after use and ensure product is stored as instructed on the safety section of the labeling. Treat any splashes to the skin or eyes with fresh water immediately. Should any of the products be accidentally swallowed, do not induce vomiting, but call for medical assistance immediately. For more details, please refer to the MSDS released on each product

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Technical information given in this datasheet is true and exact to the best of our knowledge, laboratory upshot and hands-on application. The datasheets of all products are revised/updated regularly and hence ensure that the latest release is used for reference and recommendation. The date of the publishing is as in this sheet. All data are mean of numerous tests, assessment and analysis conducted under laboratory ambience. Climatic disparity in temperature, humidity, etc. and porosity of substrate may impinge on the values.

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