

# YASH TILE BOND-HD



## YASH TILE BOND-HD

High performance and submerged grade cementitious ceramic Tile / Vitrified Tile and stone adhesive.

### Description

YASH TILE BOND-HD is a high slip resistant Vitrified tile adhesive, suitable for bonding all types of ceramic, porcelain Tiles and stone on floors and walls of pools. Also YASH TILE BOND-HD is suitable for bonding marble and granite Tiles.

### Applications

- + For permanent fixing of all types of ceramic Tiles a stone used for submerged conditions such as pools and fountains.
- + Suitable for potable water tanks when used with Yash grout TP.
- + Recommended for bathrooms, kitchens and wet areas. Non sag, can be used for vertical walls and floors.

### Advantages

- + Extended open/wet time.
- + High water resistance, will not be affected in submerged conditions.
- + Very high bond strength.
- + High slip resistance.
- + High abrasion resistance.
- + Non sag.
- + Ready mixed, just requires the addition of water.
- + Suitable for pools and water retaining structures.

### Standards

- + YASH TILE BOND-HD complies with BS5980 : 1980, Class AA, Type 1 and ANSIA.118.1
- + YASH TILE BOND-HD complies with BS EN12004 : 2001, Type C2 and C2E for tensile adhesion strength.
- + YASH TILE BOND-HD complies with BS EN1348:2007.

### Method of Use

#### Substrate Preparation

All surfaces must be clean and free from oil, grease or loose materials. Substrate should be dimensionally stable.

Allow time for shrinkage and structural strain movements.

### Priming

YASH TILE BOND-HD can be applied directly on concrete, cement plaster, screed and cement or lime mortar.

### Technical Properties @ W/P = 0.26:

Tensile adhesion strength: EN1348 : 1999	≥ 1.5 MPa
Tensile adhesion strength after water immersion: DIN EN1348	≥ 1.0 MPa
Tensile adhesion strength after heat ageing: DIN EN1348	≥ 1.0 MPa
Open time:	20 min
Colour:	White or grey
Mix density:	1.75 ± 0.1 g/cm <sup>3</sup>
Pot life:	2 hr
Minimum application temperature:	5°C
VOC	< 10 g/ltr

Prime gypsum boards with **Keybond 2000** diluted with water at a ratio of 1:2 by volume.

### Joints

Tiles should not be placed over expansion or contraction joints. Stop Tiles on joint edges and fill joints with flexible sealant.

### Marble and Granite Fixing

For marble and granite Tiles where dimensions are relatively large and individual weights of tiles cannot be supported by the adhesive; the process of installation shall follow a bottom-up approach and fixed Tiles should be undisturbed for a period of at least four hours. If more than two rows of Tiles are to be fixed simultaneously, the tiles

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are to be mechanically supported to allow the adhesive to set and achieve maximum bond in one of two ways:

- + Use of temporary anchor nails in between tile gaps.
- + Use of inclined support studs.

For further information please contact your local YASH Representation Office.

## Mixing

To ensure proper mixing, a mechanically powered mixer or drill filled with suitable paddle should be used.

6.25 - 6.75 liters (for each 25 kg bags) of clean water should be added to a clean container. The powder is then added slowly to the water while mixing continuously with low speed mixer/drill (400 - 600 rpm). Mixing should be continued for 3 minutes until a uniform consistency is obtained.

## Application

- + Spread to a uniform thickness of 2 - 5 mm.
- + Comb horizontally.
- + Place Tiles firmly over the applied area.
- + Do not apply large areas of adhesive that cannot be covered within the open wet time of the adhesive.

## Cleaning

All tools should be cleaned immediately after use with fresh clean water. Hardened materials should be cleaned mechanically.

## Packaging

YASH TILE BOND-HD is available in 5 and 25 kg bags.

## Yield

Approximately 4.5 m<sup>2</sup> /25 kg bag @ 4 mm thickness.

## Storage

YASH TILE BOND-HD has a shelf life of 12 months from date of manufacture if stored at temperatures between 2 °C and 50 °C.

If these conditions are exceeded, YASH Technical Department should be contacted for advice.

## Cautions

### Health and Safety

As YASH TILE BOND -HD contains Portland cement, YASH TILE BOND -HD may cause irritation to skin or eyes.

In case of accidental contact with eyes, immediately flush with plenty of water for at least 10 minutes and seek medical advice if necessary.

## Fire

YASH TILE BOND-HD is non flammable.

## More from YASH CONCHEM Products

A wide range of construction chemical products are manufactured by YASH which include:

- Concrete admixtures.
- Surface treatments
- Grouts and anchors.
- Concrete repair.
- Flooring systems.
- Protective coatings.
- Sealants.
- Waterproofing.
- Adhesives.
- Tile adhesives and grouts.
- Building products.
- Structural strengthening.

Note : We endeavor to ensure that any advice, recommendation or information we may give in product literature is accurate and correct. However, due to the fact that we have no direct or continuous control over where or how the products are applied, Yash cannot accept any liability either directly or indirectly arising from the use of Yash products, whether or not in accordance with any advice, specification, recommendation or information given by us.