



SOUTH AFRICA

Data Sheet Porcelain24

Stick a Tile Porcelain 24 is a cement-based adhesive specially formulated, high strength cement based tile adhesive designed for the fixing of porcelain, ceramic, mosaic, cement, clay, natural stone and other non-porous tiles to all cement based surfaces as well as other pre-primed surfaces.

Do not use this product on white or light coloured marble or porcelain tiles as it might cause a discolouration of the tile. For this purpose use Stick a Tile Marble fix.

Surface Preparation

1. New concrete floors, screeds, cement plaster should be left to cure for 28 days before tiling commences.
2. Surface must be firm and free of dust, mould, oil, grease, wax polish and organic growth. Organic growth must be removed and the spores killed with an effective fungicide such as a household bleaching solution.
3. PVA painted and gypsum plastered surfaces need to be chipped to remove 80% of the paint and gypsum
4. Enamel painted and bitumen coated surfaces, strip all the coating by scraping and then chip to expose 80% of the substrate
5. Clean existing ceramic tile thoroughly with clean cold water.
6. Smooth off-form shutter or powder floated cement surfaces, acid wash to remove laitance, rinse well with cold clean water,

Note: Once the surface preparation has been completed on the above problem surfaces the area must be primed with Stick a Tile Basecoat mixed with Stick a Tile Key to form a slurry, which has to be painted on the substrate with a block brush to a thickness of approximately 2mm. Leave to dry for 24 hours.

Mixing

1. Gradually mix 20kg Stick a Tile Porcelain 24 to 5.5 litres of cold clean water.
2. Mix to a creamy paste.
3. Allow mix to stand for 5 minutes. Do not add more water
4. Remix before use and remix every 5 minutes thereafter.
5. Do not mix more adhesive than can be used within 1 hour.
6. In wet or permanently wet conditions, heavy traffic areas, or where some flexibility is required replace the water in the mix with Stick a Tile Bond
7. Do not add too much water or attempt to extend the working time by adding more water as this will cause the adhesive to be weak with a tendency to crumble

Application

1. Spread adhesive with notched trowel to a minimum bedded thickness of 3mm on the walls and 6mm on the floors. Heavily lugged, grooved or dovetailed tiles must be buttered with adhesive before placing into wet adhesive.
2. Press tiles firmly into wet adhesives with a twisting action. Use a rubber mallet to bed tiles.
3. Apply only as much adhesive as can be tiled in 10 – 15 minutes to prevent the adhesive from “skinning” before the tiles are applied
4. Occasionally lift a tile to check if full contact is being made between the tile and the adhesive.
5. Remove excess from joints and tiled surface before drying has occurred. Minimum grouting joints for walls 2mm and floors 3mm. Do not butt joint tiles.
6. The tile adhesive must be allowed to dry for 24 hours before the tiles can be grouted

Grouting

Grouting joints must be free of any foreign matter (i.e. dust, adhesive ect.) Allow 24 hours before grouting with stick a tile grout. (For sealed or non-porous surfaces allow 48 hours).

In wet or permanently wet conditions, heavy traffic areas, or where some flexibility is required replace the water in the mix with Stick a Tile Bond

General

1. Tile panel movement joints must be provided for in all directions at maximum 5 metre centres for interior applications, and maximum 3 metre centres for exterior, suspended/pre-stressed applications or where flexing is likely to occur. Movement joints should also be located around the perimeter of all floors.
2. In addition, movement joints should be located around any fixtures protruding through the tiled surface such as columns or stairs. These joints must be at least 5mm wide and extend through the tile and tile adhesive layers and must be filled with a flexible sealant. All structural movement joints must be carried through to the face of the tiling.
3. Tiles must be firmly bedded into adhesive and have 100% contact with the adhesive.
4. Do not soak tiles before use. Tiles used must be dry and free of dust

Coverage

Depending on the nature and evenness of the surface and method of application, approximately 6m² per 20kg bag when applied using a 6mm notched trowel and 4m² per 20kg bag when applied using a 10mm notched trowel.

Guarantee

We guarantee that Stick a Tile products meet the product specification and will be free of any defect. Any guarantee with regard to the performance of Stick a Tile products will be subject to the professional and practical application of Stick a Tile products in accordance with our instructions and specifications. The guarantee would become void should the Stick a Tile product be contaminated or altered by the addition of cement, sand or substance other than recommended by us.

We have no influence over specific site conditions and therefore, if in doubt, the user should first carry out sufficient tests to ensure that the product is suitable. In special cases, obtain professional advice from the Stick a Tile technical department.

Note: It is required that we be informed within a reasonable time of suspected defect and afforded the opportunity to investigate the problem in detail.

Warning

Do not ingest. Keep away from children and pets. Do not empty in drains.

Precautions

Wear rubber gloves. In the event of contamination, rinse thoroughly with cold clean water and seek medical assistance if irritation or discomfort should occur.

Product Properties

Open time:	20min at 20C
Correction Time:	15min at 20C
Final Setting Time:	24 hours at 20C
Pot Life:	3 hours at 20C
Application Temperature:	Do not apply below 5C or above 30C
Shelf life:	6 Months from production
Storage:	Store product in a dry and covered area at temperatures above 5C. Do not store directly on floor surface. Avoid large changes in temperature and humidity in storage environment.