



TECHNICAL DATASHEET

552 Tile Adhesive Gold - Class C1T

DESCRIPTION:

NeoSeal® 552 Gold - Class C1T is White/ Grey cement based, high polymer modified, high strength adhesive for fixing tile & stone on wall/floor in interior/exterior situations at up to 6mm bed thickness. The set adhesive is water-resistant and non-slip. It is used for fixing ceramic, vitrified & fully vitrified tiles, glass mosaic, porcelain, terrazzo, natural stone and engineered stone.

AREA OF APPLICATION:

NeoSeal® 552 Gold - Class C1T Can be used for interior applications on floors and walls over new masonry, concrete, mortar beds, old tiles Light weight blocks, glazed tiles and cement plaster.

TECHNICAL SPECIFICATIONS:

Properties	Test Results
Form	Powder
Color	Grey / White
Pot life	4-5 hrs @ 25°C
Open Time	30-40 min @ 25°C
Adjusting Time	40 min approx
Dry Density	1.70 +/- 0.05
Ready to walk on	24 hours
Ready for grouting on floor	24 hours
Ready for grouting on wall	8 hours
Ready for use	7 days

FEATURES & BENEFITS:

- It has excellent water and Impact resistance
- Excellent adhesive strength
- Good slip resistance
- Minimum shrinkage
- Highly polymer modified
- Best workability
- Dual Purpose – for walls and floors
- Complies with the requirement of IS 15477: 2004.
- Complies with the requirement of EN 12004 C1T

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METHOD OF APPLICATION:



1. Surface Preparation:

- All surfaces should be between 40 °F (4°C) and 90°F (32°C) and structurally sound, clean and free of all dirt, oil, grease, concrete sealers or curing compounds.



2. Mixing:

- Add 5 to 6 litres of cold, clean, Potable water for 20 kg. bag of NeoSeal[®] 552 Gold - Class C1T adhesive mortar powder. Take water in the container and slowly add the powder in to the water while mixing by hand or slow speed mixing machine and mix until a uniform, lump-free, smooth, thick consistency is achieved. ROOFING PRODUCTS



3. Application:

- NeoSeal[®] 552 Gold - Class C1T should be applied after proper surface preparation. Apply using a flat trowel at a thickness of 3 mm and level it by notched trowel. The thickness of the ribs will depend upon the size of tile. Do not spread more than 1 sq. meter at a time. Fix the tiles immediately with sliding motion to avoid poor bond. Adjust the position of tile before the open time of mortar otherwise it will affect on bond strength. After the completion of fixing tiles remove the excess mortar by using a damp cloth before setting of material.



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COVERAGE:

45-55 Ft² / Bag with bed thickness with notched trowel size eg 3x3.

PACKAGING SIZE:

20 Kg (& 50 Kg. Sack)

SHELF LIFE AND STORAGE:

Shelf life is 1 year from the date of manufacturing in unopened bags. Store in dry moisture free area.

HEALTH & SAFETY PRECASUTIONS:

- Contains Portland cement and silica sand. May irritate eyes and skin. Avoid contact with eyes or prolonged contact with skin. In case of contact, flush thoroughly with water.
- Do not take internally. Silica sand may cause cancer or serious lung problems. Avoid breathing dust. Wear a respirator in dusty areas.

WARRANTY:

The above information given is based on our knowledge and performance of the material in laboratory testing condition. The product information is provided in good faith for the general guideline to help respected users. Differing materials, substrates, environments, site conditions, and product storage, handling and application may affect results. Users should carry out tests to decide the product's suitability for purpose / application.