



TECHNICAL DATASHEET

553 Tile Adhesive

Diamond - Class C2TE

(Single component cement based tile adhesive)

DESCRIPTION:

NeoSeal® 553 Diamond - Class C2TE is Flex Tile Adhesive is a white/grey, single-component, high performance, flexible, lightweight, cementitious adhesive with no vertical slip and long open time, low dust technology and extremely high yield. Easy to apply by trowel with excellent wetting-out properties, for stone ceramic tiles, and thin porcelain gres tiles.

AREA OF APPLICATION:

- Porcelain tiles
- Interior aerated concrete wall blocks
- Interior and exterior bonding of ceramic and mosaic tiles
- on floors, walls and ceilings.
- Swimming pools
- Residential and commercial
- Tile on tile
- Marble tiles

TECHNICAL SPECIFICATIONS:

Properties	Test Results
Form	Powder
Color	Grey / White
Pot life	6-8 hrs @ 25°C
Open Time	30-40 min @ 25°C
Adjusting Time	40-50 min approx
Dry Density	1.73 +/- 0.05
Ready to slight walk on	24 hours
Ready for grouting on floor	24 hours
Ready for grouting on wall	8 hours
Ready for use	14 days

FEATURES & BENEFITS:

- Easy to use – just add water on side, mix it, ready to use, works on wet area as well
- 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 floor
- Complies with the requirement of IS 15477: 2004.
- Complies with the requirement of EN 12004 C2TE.

NeoSeal Adhesive Pvt. Ltd.

628/7, GIDC Savli, At. Manjusar, Vadodara – 391775, Gujarat, INDIA.
Email: info@neoseal.net, Ph: +91-90999 73544; www.neoseal.net

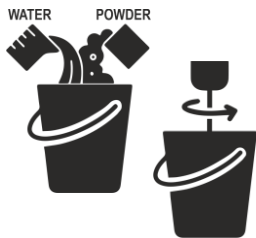


METHOD OF APPLICATION:



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® 553 Diamond - Class C2TE 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® 553 Diamond - Class C2TE 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.

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.

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