

NSA SILVER

Polymer Based Non-Skid Tile Adhesive

DESCRIPTION

NSA SILVER is a polymer modified cement based thin bed Tile Adhesive for fixing ceramic tiles, vitrified tiles & natural stones of regular sizes. It is suitable for both vertical and horizontal surfaces for indoor applications, in dry & wet both areas. It is also recommended for Tile on Tile application.

USES

- All types of ceramic tile, paver, bricks, vitrified tile & porcelain tile.
- Use in dry & wet areas.
- Applicable of tiles size 250mm X 400mm, 300mm X 600mm, 300mm X 300mm, 600mm X 600mm, 1200mm X 600 mm, 1500mm X 750mm.
- Sand stones, mint stones in internal application.

ADVANTAGES

- For floor & wall.
- For dry & wet application areas.
- For interior use.
- Excellent bonding strength & waterproofing properties.
- Excellent tensile adhesion strength.
- Prevents discolouration. (in NSA SILVER White)
- Same day grouting possible - Self curing.
- Just add water - Easy to use.

SUBSTRATE

RCC, Plaster, AAC blocks, Tile on Tile, Stone.

COMPLIANCE STANDARD

IS 15477:2019, EN 12004.

SURFACE PREPARATION

The surface should be sound and thoroughly cleaned. Old surface should be free from wax, grease, dirt, flakes & loose particles.



MIXING

Add 20 to 27 % water by weight, depending on the requirement.

METHOD OF APPLICATION

- Spread the adhesive to required bed thickness and comb with a notch trowel.
- Strictly apply the adhesive part which can be tiled within 10 to 15 minutes.
- Start placing the tiles on the surface. Tap the tiles properly to ensure complete coverage on the backside of tiles.

COVERAGE

25 to 35 sq.ft. Per 20 KG with notch trowel for a bed thickness of 3 to 4 mm.

POT LIFE

Always mix the required quantity, which can be consumed within 45 minutes pot life.

LIMITATIONS

Do not add additional water or powder after tile adhesive gets set.

CURING

Allow tiling to set for 24 hours and start filling joints next day with CEMSEAL WATERPROOF TILE GROUT or CEMSEAL EPOXY GROUT.

CLEANING

CEMSEAL NSA should be removed from tools & equipment immediately after use with clean water, only hardened material should be removed mechanically.

PRECAUTIONS

CEMSEAL NSA should be kept away from direct sunlight, humidity & dampness.

STORAGE LIFE & CONDITION

12 months on sealed pack at room temperature in dry area.

AVAILABLE PACKINGS

NSA SILVER is supplied in GREY/WHITE - 20 & 40 Kg bags.

TECHNICAL INFORMATION

Properties	Standard test method	Results
Appearance	-	Grey/White colored powder
Grade	-	Type 2 & C1TE
Bulk density	-	1.40 to 1.45 gm/cc
Tensile adhesion @ 28 days	IS 15477:2019, EN 12004	>1 N/mm ² (dry)
Shear adhesion strength @ 28 days	IS 15477:2019, EN 12004	> 1.25 N/mm ² (dry)
Adjustability in minutes	IS 15477:2019, EN 12004	> 20
Slip resistance in mm	IS 15477:2019, EN 12004	< 0.5
Open time in minutes	IS 15477:2019, EN 12004	>20

*C1=Type adhesive | T= Thixotrophy | E= Open time

HEALTH AND SAFETY

Contents Portland cement , silica sand & polymers. May irritate eyes & skin. Avoid contact with eyes or prolonged contact with skin. In case of contact, flush thoroughly with water. Do not consume in any way. Silica sand may cause serious lung problems. Avoid breathing dust. Wear a respirator in dusty areas. Keep out of reach of children.

TECHNICAL INFORMATION & SERVICES

Further information and advice including practical demonstration are freely available from the technical service department of CEMSEAL INDUSTRIES LTD.

NOTE

- Field service, where provided, does not constitute supervisory responsibility. For additional information contact your local Cemseal representative.
- Cemseal reserves the right to have the true cause of any difficulty determined by accepted test methods.

Address

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