

MANUFACTURER

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PRODUCT NAME

FORTRESS TILE ADHESIVE

PRODUCT DESCRIPTION

Fortress Tile Adhesive is a special cement-based adhesive formulated specifically for ceramic floor and wall tiles, interior and exterior applications. It is composed of highest quality of Portland cement, natural sand fillers and chemical additives. It has a superior bonding quality which resists chipping and abrasion of stone, tiles, bricks, granite, marble and other finishing materials.

SURFACE PREPARATION

Surface must be structurally sound, dry, clean and free from dirt, dust and other contaminants. To ensure proper bond, scour the bonding coverage.

COVERAGE

25kg. (1 bag) of Fortress Tile Adhesive can approximately cover 5.00 to 7.00 sqm.

SHELF LIFE

Always store in a cool and dry place. Fortress Tile Adhesive can be usable within one (1) year.

ADVANTAGES

- ✓ Superior Bonding Quality
- ✓ Polymer Modified Mortar Mix
- ✓ Economical
- ✓ Flexible
- ✓ Environment Friendly



TECHNICAL DATA

Physical Test	PNS ISO 13007-1:2005	Results
Water demand	Not Applicable	20 ml / 100 g
Workability	Not Applicable	Very Good
Open time	≥ 20 minutes	20 minutes
Pot life	Not Applicable	4 hours
Standing strength	Not Applicable	Very Good
Slip resistance	≤ 5 mm	0 mm
Tensile adhesion strength	≥ 0.5 N/mm ²	1.78 N/mm ²
Tensile adhesion strength after water immersion	≥ 0.5 N/mm ²	1.47 N/mm ²

COLOR

Gray

CAUTION

Use gloves and eye protection. Avoid contact with eyes and prolonged skin contact. If eye contact occurs, wash with clean water and consult a doctor immediately.

WARRANTY

Fortress Tile Adhesive is covered from the date of purchase when used on substrate which conforms to local building codes and when installed, in accordance with the manufacturer's instructions. Fortress Tile Adhesive will replace those which are determined to be defective. This warranty is limited to the original purchaser and may not be transferred to any subsequent owner. This warranty does not cover damage resulting from: settlement of the building or other wall movement, mixing with other chemicals or additives and prolonged exposure to heat and other irregular temperature. This warranty covers only manufacturing defects in Fortress Tile Adhesive. It will not cover labor costs or damages obtained from removal and replacement of defective products.

MIXING AND APPLICATION



1. Mix 25kg. (1 bag) Fortress Tile Adhesive with 7 – 8 liters of tap water. Do not use saline water. Use plastic container or any non-absorptive material as mixing base. Always put water first in container before adding tile adhesive. Pour a sufficient quantity of Fortress Tile Adhesive that maybe used within the pot life of 3 – 4 hours.

MIXING RATIO	POT LIFE
7-8 LITERS + 25 KGS TILE ADHESIVE	3-4 HOURS



2. Stir with a mixing tool. Mixed until thick, pasty and lump free consistency is achieved. Prepare only sufficient quantity that can be applied within 3 to 4 hours. Wait for 15 minutes and stir again the mixture. Do not mix newly prepared tile adhesive mixture with an old one, just to extend pot life. This will cause a lumpy mixture and will lessen the workability of the tile adhesive.

FOR BEST RESULT
USE MIXING TORQUE



3. Spread the file adhesive and comb with a notched trowel uniformly. Before applying and spreading file adhesive, dampen substrates lightly. For best result, remove excess water before installation. Observe the 15 minutes open time of Fortress Tile Adhesive to ensure that tiles are not laid on material that has lost its adhesive

OPEN TIME
15 MINUTES



4. Lay the tiles on the surface. To ensure good adhesion, press and beat the tiles on the setting bed. Adjust the tiles within the adhesive's open time of 15 minutes. Regularly check adhesive bed to ensure that no film has formed on the surface. If so, remove that layer and spread a new batch of mixture.



5. To clean excess mortar on surface, use sponge with warm soapy water. Do not use any acids in cleaning the surface of the file material. This will cause discoloration or will create blotches on the tile. Do not let excess mortar to fully dry on tile surface. Tile Adhesive are cement base, any dried up excess adhesive will be difficult to remove.



6. Apply grout after 24 hours or until tiles are held firmly in place. Clean excess grout on surfaces using a sponge with warm, soapy water. Do not use acids in cleaning. Allow 24 hours or until tiles and grout have fully dried, before applying grout sealer. In applying grout sealer, use a soft bristle paint brush.

PACKAGING

