

PRODUCT CODE 5427

Glass Tile Adhesive

Asian Paints SmartCare Glass Tile Adhesive is single component white cement based polymer modified, fiber reinforced adhesive for fixing glass mosaic tiles in interiors as well as exteriors.



PRODUCT BENEFITS

Specification

Meets the requirements of IS 15477 (Specification for tile adhesive for ceramic and mosaic tiles)

Ease of Application & Strength

Single component, ready-to-use white cement based polymer modified adhesive
Fiber reinforced

Superior Adhesive

Long lasting adhesion with superior bond strength

Long pot life

Long pot life and open time for smooth application

Flexibility

Low shrinkage and greater flexibility for accommodating thermal or physical movements

Waterproof

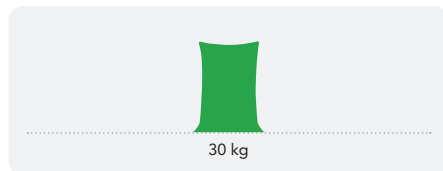
Good waterproofing characteristics

Ready for Use

Trafficable (ready for use) in 24 hours

PRODUCT FEATURES

AVAILABLE PACKS



Shelf life: 12 months from the date of manufacture when stored in original packaging under normal dry conditions.

COLOURS AVAILABLE

White*



*Please note: Glass Tile Adhesive is a White colored free flowing powder.

COVERAGE



3.5-4.5 Kg/m²

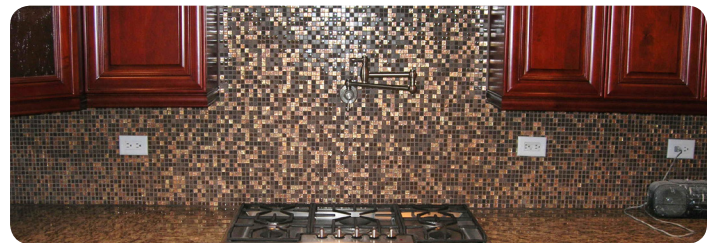
for a bed of 3 mm thickness

The actual coverage however might vary with the type of surface & its flatness. For adequate coverage ensure that the surface is smooth, clean and devoid of any defects or undulations.

RECOMMENDED USAGE



For fixing glass mosaic tiles on horizontal or vertical masonry surfaces in interiors as well as exteriors. Can also be used for installation of heavy tiles and natural stones (marble, granite) on floors or other horizontal surfaces.



HOW TO APPLY

APPLICATION PROCESS

APPLICATION PROCEDURE

STEP 1

Surface to be tiled must be cleaned to remove any loose particles, free from contamination, and made in SSD (Saturated Surface Dry) condition with water.

STEP 2

Mix Tile Adhesive into water, until a lump free mortar consistency is achieved.

STEP 3

Approx. 11-12 ltr. of water will be required for 30 Kg bag of tile adhesive.

STEP 4

Apply mixed tile adhesive at thickness 3-6 mm and comb with notched trowel.

APPLICATION PROCEDURE

STEP 5

Press the glass mosaic tile firmly, hammer gently with soft mallet to assume a better bond. Ensure that tile adhesive seeps out from the joints of tiles.

STEP 6

Remove the face sheet bonded to the glass mosaic by wetting with water.

STEP 7

Clean off excessive adhesive between the joints & on tiles.

STEP 8

For best results, use Asian Paints epoxy tile grout as tile joint filler.

ADDITIONAL INFORMATION

PRECAUTIONS

- > Do not apply directly on damp surfaces.
- > Grouting should not be done for at least 24 hours.
- > Do not use for fixing heavy tiles or stones, marble, granite etc on vertical surfaces.

TECHNICAL DETAILS

a. Form: Free flowing powder

b. Color: White

c. Mix density: 1.85

d. Open time: 20 minutes @ 30°C

e. Pot Life: 3 Hours

f. Curing time: 24 Hours

g. Cleaning tools: with water immediately after use

SAFETY FEATURES

- > Kindly refer to the MSDS for Asian Paints SmartCare Glass Tile Adhesive which gives detailed information on safety measures while handling the material.
- > Store the bag tightly closed in a cool, dry place
- > Keep out of reach of children and away from eatables.
- > May be harmful if swallowed. In case of ingestion seek immediate medical attention.
- > Wear eye protection during application. In case of contact with eyes, rinse immediately with plenty of water and if required seek medical advice.
- > It is recommended to wear suitable nose pad during surface preparation, mixing, application to avoid dust inhalation.

SPECIFICATIONS

Test Parameter	Minimum Requirement	Glass Tile Adhesive
Shear Adhesion (Dry condition 24 hrs)	4 k N	Exceeds the requirements of IS 15477
Shear Adhesion (Dry condition 14 days)	10 k N	Exceeds the requirements of IS 15477
Shear Adhesion (Heat aging conditions)	5 k N	Exceeds the requirements of IS 15477
Shear Adhesion (Wet conditions)	5 k N	Exceeds the requirements of IS 15477