

PRODUCT CODE - 5427

White Multipurpose Tile Adhesive

Asian Paints SmartCare White Multipurpose Tile Adhesive is a single component white cement-based, polymer modified fibre reinforced adhesive for fixing glass mosaic tiles and natural stones on interior and exterior walls and floor.

PRODUCT BENEFITS

Specification

Meets the requirement of IS 15477:2019 and ISO 13007-1:2014 for Tile Adhesives

Easy Application

Single component white cement-based adhesive, easy to mix and easy to apply

No Pre-Soaking of Tiles & Water Curing

No pre-soaking of tiles & no water curing required post application

Long Pot Life & Extended Open Time

Makes installation of stone / large tiles easier

Superior Adhesion

Provides long lasting adhesion with superior bond strength

Slip Resistant

Provides excellent slip resistance to stones and tiles while installation on wall / floor

Convenient

Less labour and time intensive leads to faster completion of work

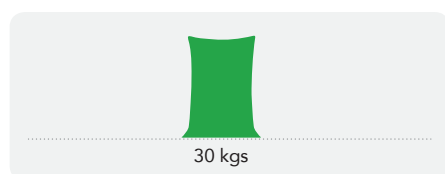
Trafficable After 24 Hours of Application

Ensure faster completion of work, saves time and labour



PRODUCT FEATURES

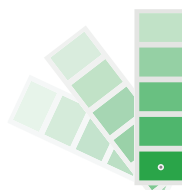
AVAILABLE PACKS



Shelf life: 1 year from the date of manufacture. When stored in original packaging under normal dry conditions.

COLOURS AVAILABLE

White*



*Please note: Tile Adhesive for White Multipurpose is a White coloured free flowing powder.

COVERAGE

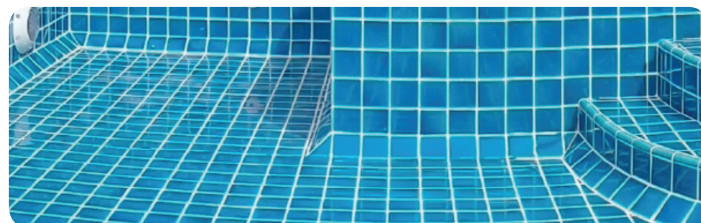


The actual coverage however might vary with the type of surface and its flatness. For adequate coverage ensure that the surface is smooth, clean and devoid of any defects or undulations.

Physical Appearance	Shelf Life	Mixing Ratio (With Water)	Min bed thickness required
Free Flowing Powder	1 Year	25-30%	3-6 mm

RECOMMENDED USAGE

Type of Usage	Area of Usage	Types of Substrates	Type of Tiles / Stones	Maximum size* of Tiles can be fixed	Maximum height of Wall to Fix Tiles
Floor	Interior and Exterior	Existing tiles, cement-based screed, concrete slabs and cement terrazzo	Glass mosaic tiles, natural stones, granites and marbles	Upto 4X4 ft.	NA
Wall	Interior and Exterior	Cement based plaster and concrete	Glass mosaic tiles, natural stones, granites and marbles	Upto 2X4 ft.	10 ft.



HOW TO APPLY

APPLICATION PROCESS

APPLICATION PROCEDURE

STEP 1	Surface to be tiled must be clean, free from dust, loose particles and any contamination and in SSD* (Saturated Surface Dry) condition. Surface of tiles / stones should be free from dust and loose particles.
STEP 2	Mix Tile Adhesive powder into water until a lump-free mortar consistency is achieved.
STEP 3	Approx 11-12 litres of potable water is required for a 30 kg bag of tile adhesive. Use mechanical mixer to get uniform lump-free consistency.
STEP 4	Apply Tile Adhesive on the floor or wall using trowel at a 3-6 mm thickness and comb with 6 mm notch trowel. Do not spread tile adhesive paste in more than 1 sq m of area at a time.

APPLICATION PROCEDURE

STEP 5	Apply Tile Adhesive Paste on the back side of the tiles / stones and notch it using notch trowel as well.
STEP 6	Fix Glass Mosaic Tiles / Natural Stones / Vitrified Tiles firmly into position with a sliding motion and hammer gently with soft mallet to assume better bond and leave adequate joints between the tiles using spacers.
STEP 7	Clean off excessive adhesive between the joints as well as on the tiles with a damp cloth. Leave the tiles untouched for at least 24 hours to get the adhesive dried properly.
STEP 8	For best results, use Asian Paints SmartCare Epoxy or Cement Based Tile Grout to fill the joints / gaps of the tiles.

TECHNICAL DETAILS

Conforms IS 15477:2019	Conforms ISO 13007-1:2014	Mix Density	Pot Life	Open Time	Adjustability Time	Curing Time
Type 2T	C2TE	1.8-2.0	2-3 hours	15-20 minutes	10-15 minutes	24 hours

Specifications for Type-2T Adhesives as per IS 15477:2019

Test Type	Requirements as per IS 15477:2019	Values for White Multipurpose Tile Adhesive
Tensile Adhesion - Dry Condition (N/mm ²)	Min. 1.0	1.0 – 1.5
Tensile Adhesion - Wet Condition (N/mm ²)	Min. 1.0	1.0 – 1.5
Shear Adhesion - Dry Condition (N/mm ²)	Min. 1.25	>1.25
Shear Adhesion - Wet Condition (N/mm ²)	Min. 1.0	1.0 – 1.5
Shear Adhesion - Heat Ageing (N/mm ²)	Min. 1.0	1.0 – 1.5
Slip (mm) – T	Less than 0.5	< 0.5

Specification for C2TE Adhesives as per ISO 13007-1-2014

Test Type	Requirements as per ISO 13007-1-2014	Values for White Multipurpose Tile Adhesive
Tensile Adhesion Strength at Room Temperature	C2 > 1.0 N/mm ²	1.0 – 1.5
Tensile Adhesion Strength under water immersion	C2 > 1.0 N/mm ²	1.0 – 1.5
Tensile Adhesion Strength after heat ageing	C2 > 1.0 N/mm ²	1.0 – 1.5
Tensile Adhesion Strength after freeze thaw cycles	C2 > 1.0 N/mm ²	1.0 – 1.5
Slip (T)	< 0.5 mm	< 0.5

ADDITIONAL INFORMATION

PRECAUTIONS

Do's

- Always mix powder in water to get uniform lump-free paste
- Apply adhesive on both substrate and stone / tiles by notch trowel
- Provide mechanical support for heavy stones / tiles if required

Don'ts

- Don't fix stones / tiles without applying adhesive on walls
- Don't fix stones / tiles in extreme low temperatures
- Don't apply adhesive directly on damp surfaces

SAFETY FEATURES

- Kindly refer to the MSDS for Asian Paints SmartCare White Multipurpose 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

*For application of large stones / tiles, consult with Asian Paints Technical Team for necessary guidance.

* SSD: Wash the floor / wall with clean water 2-3 hours before applying adhesive to get saturated surface dry (SSD) condition.