

PRODUCT CODE 5425

Tile Adhesive for Normal Application

Asian Paints SmartCare Tile Adhesive for Normal Application is a single component cement based polymer modified adhesive for fixing tiles on floors and walls in interiors as well as exteriors.



PRODUCT BENEFITS

Specification

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

Easy Application

Single component, ready-to-use mixture consisting of cement, sand and special additives

Excellent Adhesion

Excellent adhesion and slip resistance

No Pre-soaking

No water curing, no pre-soaking of tiles

Long pot life

Long pot life ensuring larger quantities of material being mixed

Convenient

Less labour and time intensive

Water Resistant

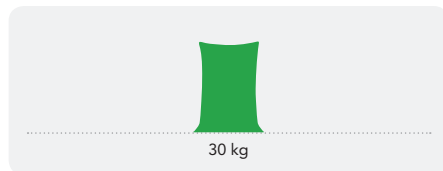
Low water absorption making it water resistant
Minimizes shrinkage cracks

Ready for Use

Trafficable (ready for use) in 24 hours

PRODUCT FEATURES

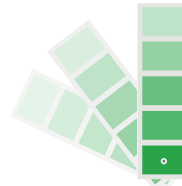
AVAILABLE PACKS



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

COLOURS AVAILABLE

Grey*



*Please note: Tile Adhesive for normal application is a Grey coloured free flowing powder.

COVERAGE



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 permanent installation of ceramic, vitrified and porcelain 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 clean, free from contamination and in SSD (Saturated Surface Dry) condition.

STEP 2 Mix Tile Adhesive into water until a lump free mortar consistency is achieved.

STEP 3 Approx. 7-8 ltr. of potable water is required for a 30 Kg bag of tile adhesive. Use slow speed stirrer to get uniform lump free consistency.

STEP 4 Apply tile adhesive on the wall or floor using trowel at a thickness of 3-6 mm and comb with notch trowel. Do not spread in more than 1 sq. m of area at a time.

APPLICATION PROCEDURE

STEP 5 Fix tiles firmly into position with a sliding motion and hammer gently with soft mallet to assume a better bond.

STEP 6 Leave adequate & desirable joints between the tiles by using spacers.

STEP 7 Clean off excessive adhesive between the joints & on tiles with a damp cloth.

STEP 8 For best results, use Asian Paints cement or epoxy based tile grouts to fill the joints. The tile joints can be filled after 24 hours of application of tiles.

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 areas

TECHNICAL DETAILS

a. Form: Free flowing powder

b. Color: Grey

c. Mix density: 1.85

d. Open time: 10 minutes @ 30°C, 55% RH

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 Tile Adhesive for Normal Application 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	Tile Adhesive for Normal Application
Tensile Adhesion (Dry conditions)	750 N	Exceeds the requirements of IS 15477
Tensile Adhesion (Wet conditions)	450 N	Exceeds the requirements of IS 15477
Shear Adhesion (Dry condition 24 hrs)	2.5 k N	Exceeds the requirements of IS 15477
Shear Adhesion (Dry condition 14 days)	8 k N	Exceeds the requirements of IS 15477
Shear Adhesion (Heat aging conditions)	4 k N	Exceeds the requirements of IS 15477
Shear Adhesion (Wet conditions)	4 k N	Exceeds the requirements of IS 15477