

TILE ADHESIVE GP

GENERAL PURPOSE TILE ADHESIVE

PRODUCT DESCRIPTION

Smartcare Tile Adhesive GP is a cementitious general purposes tile adhesive. It is a cement-based mortar for fixing ceramic tiles and stones for interior applications.



PRODUCT BENEFITS

Smartcare Tile Adhesive GP is a cement-based mortar.

- Recommended for thick bed applications
- Formulated to suit for extreme climatic working conditions.
- Good workability
- Resistance to humidity
- Easy and economical to use



OPTIMAL
SETTING TIME



QUICK
CURING



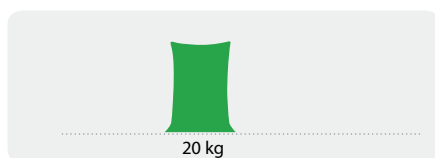
EXCELLENT
BONDING



RESISTANT TO
HUMIDITY

PRODUCT FEATURES

AVAILABLE PACKS



20 kg

Has a shelf life of 12 months in unopened packs, if stored in a cool and dry place.

COLOURS AVAILABLE

White
& Grey



*Please note, tile adhesive for normal application is White & Grey coloured free flowing powder.

COVERAGE

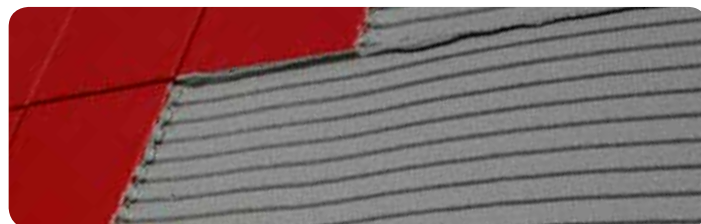


Approx 5.2 m² / 20 Kg Bag
@ 3 - 4 mm thickness

All technical data stated in this Product Data Sheet are based on laboratory tests. Actual measured data may vary due to circumstances beyond our control and different test methods.

RECOMMENDED USAGE

- General purpose adhesive
- Can be used for internal installation of ceramic tiles. Suitable for wet and dry areas
- Excellent bonding even in damp conditions
- Recommended for floor and wall areas



HANDLING PRECAUTIONS: As a precautionary measure and to avoid sticking of the bitumen to hands & skin, it is recommended to use gloves and safety goggles. In case of contact with human skin wash the affected area with plenty of fresh water immediately. Seek medical assistance immediately in case of any allergy or criticality.

HOW TO APPLY

APPLICATION DETAILS

APPLICATION CONDITION:

The open time of Smartcare Tile Adhesive GP at 35° C is approximately 30 minutes. Therefore care should be taken in preparing the mortar. Prepare only the surface, which can be tiled within this time. Smartcare Tile Adhesive GP should not be used on painted or metal surfaces.

SUBSTRATE QUALITY AND PREPARATION

- The surface should be sound, clean, and free from dirt, oil or grease before Smartcare Tile Adhesive GP is applied.
- The prepared substrate must soak prior to the tile installations. Do not allow to pond the water on such areas. Pre-soaking enhances the adhesion properties.
- The whole tile areas must be soaked well minimum 1 hour prior to tile installation. Ensure the surface must be dampened prior to adhesive spreading.
- Ceramic tiles must be kept in the water and take out the tiles minimum 1 hour prior to installation

APPLICATION PROCESS

APPLICATION	PROCEDURE	APPLICATION	PROCEDURE
STEP 1	Surface to be tiled must be clean, free from contamination and in SSD (Saturated Surface Dry) condition.	STEP 5	Apply Smartcare Tile Adhesive GP adhesive to a uniform thickness of 3 mm to 6 mm on the surface, working on an area of not more than 1m ² at a time.
STEP 2	Mix SmartCare Tile Adhesive GP in a ratio of 4 to 5 litres of water per 20 kg bag, depending of working conditions.	STEP 6	For horizontal applications a solid bed fixing is recommended as well as for heavy-duty vertical applications.
STEP 3	Mix to a uniform lump-free consistency using a forced action mixer. Keep it for approximately 3 minutes to fatten it. We recommended to use mixing pedals for a homogenous mixing and better chemicals performance.	STEP 7	For other vertical applications use a toothed spatula to comb horizontally to remove excess.
STEP 4	The mixed adhesive should not be used after 30 minutes.	STEP 8	Apply the tile, press it, and smooth out carefully so that the mortar is spread evenly. If the bonding is perfect, the tile will not slide.

ADDITIONAL INFORMATION

TECHNICAL DETAILS

Properties	Values	Test Standards
Appearance	Powder	
Colour	White & grey	
Density @ 25°C, g/cc	1.4 Kg / Ltr	
Pot Life	45 Minutes	
Open Time	30 Minutes	
VOC	2.1 g/ Ltr	ASTM D 2939-2
Slip resistance	Excellent	
Adhesion Strength	>0.5 N/mm ²	EN 12004, BS 1881:207
Tensile Adhesion	>0.5 N/mm ²	BSEN 1348:2007

SAFETY FEATURES

- Kindly refer to the MSDS which gives detailed information on safety measures while handling the product, which is available on request.
- Store 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.
- Eye protection during application is recommended.
- In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
- In case of skin contact wash with soap and plenty of water. Get medical attention if irritation develops or persists.
- It is recommended to wear suitable nose pad during surface preparation.
- Dispose as per recommendation mentioned.
- No added Lead, Mercury or Chromium compounds.

HEALTH AND SAFETY INFORMATION

- As with all chemical products, caution should always be exercised.
- Protective clothing, such as gloves and goggles, should be worn.
- Treat any splashes to the skin or eyes with fresh water immediately.
- Should any of the products be accidentally swallowed, do not induce vomiting, but call for medical assistance immediately.
- Ensure the pack is available for the medical attendant to examine any relevant instructions and contents details.
- Reseal all containers after use and ensure product is stored as instructed on the safety section of the labeling.