

SMARTCARE TILE ADHESIVE GP

TILE ADHESIVES & TILE GROUTS

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.

KEY FEATURES

- **Thick-Bed Application:** Ensures strong, durable bonding for tiles and stones installed using thicker mortar layers.
- **Climate-Resistant Formula:** Performs reliably under extreme climatic conditions, maintaining workability and adhesion strength.
- **Easy Workability:** User-friendly mix offering smooth application, reducing installation time and labour effort significantly.
- **Humidity Resistant:** Maintains bond strength and durability even in high-moisture environments or damp interior spaces.

PRODUCT BENEFITS



Strong Adhesion



Quick Curing



Durable Bond



Cost Effective

PACKAGING

20kg

TECHNICAL PROPERTIES

Properties	Value
Appearance	Powder
Colour	White & grey
Theoretical coverage	Approx 5.2 m ² / 20kg Bag @ 3 - 4 mm thickness
Density @ 25°C, g/cc	1.4 Kg / Ltr
Pot life	45 minutes
Open time	30 minutes
VOC (ASTM D 2939-2)	2.1 g/ Ltr
Slip resistance	Excellent
Adhesion strength (EN 12004, BS 1881:207)	>0.5 N/mm ²
Tensile adhesion (BSEN 1348:2007)	>0.5 N/mm ²

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.

APPLICATION AREAS

- 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

APPLICATION METHOD

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.

1. 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 before the tile installations. Do not allow the water to pond on such areas. Pre-soaking enhances the adhesion properties.
- The whole tile area must be soaked well for a minimum 1 hour before tile installation. Ensure the surface is dampened before adhesive spreading.
- Ceramic tiles must be kept in the water and taken out a tiles minimum of 1 hour before installation.

2. Application:

- The surface to be tiled must be clean, free from contamination and in SSD (Saturated Surface Dry) condition.
- Mix SmartCare Tile Adhesive GP in a ratio of 4 to 5 litres of water per 20 kg bag, depending on working conditions.
- Mix to a uniform lump-free consistency using a forced action mixer. Keep it for approximately 3 minutes to fatten it. We recommended using mixing pedals for homogenous mixing and better chemical performance.
- The mixed adhesive should not be used after 30 minutes.
- 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 1m² at a time.
- For horizontal applications, a solid bed fixing is recommended, as well as for heavy-duty vertical applications.

- For other vertical applications, use a toothed spatula to comb horizontally to remove excess.
- 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.

PRODUCT LIMITATIONS

Not available

STORAGE CONDITIONS

Store the product in a cool, dry place, away from moisture and direct sunlight. Keep the bags sealed until use.

SHELF LIFE

SmartCare Tile Adhesive GP has a shelf life of 12 months when stored in unopened packs under recommended conditions.

SAFETY PRECAUTIONS

- Always wear protective gloves, goggles, and clothing during mixing and application to prevent skin or eye irritation.
- Avoid direct contact with skin or eyes; in case of contact, wash the affected area with plenty of clean water.
- If inhaled, move the affected person to fresh air immediately and seek medical advice if discomfort persists.
- Ensure proper ventilation at the site of application to avoid inhalation of fumes.

CERTIFICATIONS

SmartCare Tile Adhesive GP complies with ASTM D 2939-2, EN 12004, BS 1881:207 and BSEN 1348:2007.

DISCLAIMER

The information provided in this Technical Data Sheet is based on laboratory tests, industry practices, and practical application experience. However, actual site conditions may vary and are beyond the manufacturer's control. Asian Paints makes no warranties, expressed or implied, and shall not be liable for any loss or damage resulting from improper usage, handling, or non-compliance with the recommended guidelines. Users are advised to test the product for suitability before full-scale application.