

# TILE ADHESIVE For Ceramic Tiles

**PREMIUM PRODUCT  
OF THAILAND**

**Fast Setting  
Formula**



**Ceramic Tiles**  
Size 30x30 cm





## TILE ADHESIVE For Ceramic Tiles

### Product Information

- For indoor and outdoor ceramic tiles

### Product Features

- For wall and floor ceramic tiles
- Suitable for laying floor ceramic tiles size up to 60x60 cm
- Suitable for laying wall ceramic tiles size up to 30x30 cm

### Special Property

- Reduced setting time
- Reduced chance of detachment between surface and tiles
- Reduced incorrect mixing proportions

### Application Method

- Mix 20 kg bag of tile adhesive with 4.5-5.5 liters of clean water.
- Use a trowel to mix tile adhesive by hand, followed by a mixing tool to ensure a well-blended mixture before application.

### Application area

- 4-5 m<sup>2</sup> for 20 kg bag of tile adhesive

### Recommendations

- Ensure the surface is clean, dry, smooth, strong and level; the surface must be free from extraneous materials such as dust, cement residue, paint, concrete curing solution, and oil.
- Mix tile adhesive with clean water according to the ratio specified on the back of the package.
- After mixing tile adhesive, do not add more tile adhesive or water.
- Use mixture within 3 hours of mixing.
- Fixing and arranging tiles must be done within 20 minutes after applying tile adhesive.
- After fixing tiles on surface, adjust the level and arrange accordingly, use a mallet to ensure a secure bond between tile and surface.
- Curing: Avoid direct sunlight to prevent mixture from losing moisture too quickly, let adhesive bond for 24 hours for better strength before grouting.

## TECHNICAL DATA

### Product Identity

Type : Powder

Color : Grey

Storage : Keep in dry and ventilated place

Shelf Life : Up to 1 year

Packaging : 20 kilograms per bag

### Application Data

Application : For wall and floor ceramic tiles

Mixing Water : 4.5-5.5 liters of clean water per 20 kg bag

Temperature Range : 15-40°C

Application Humidity : minimum 50%

Pot Life (25°C) : 180 minutes

### Test Data

Property (Method)	Results
<b>Wet Property</b>	
pH of mix (pH meter)	~11
Sagging (ANSI A118.1)	0-1 millimeter
Open time (ANSI A118.1)	30-50 minutes
Adjustability (ANSI A118.1)	40-60 minutes
<b>Dry Property</b>	
Compressive Strength (ASTM C109)	
28 days	12-15 N/mm <sup>2</sup>
Tensile Strength (EN 12004)	
28 days (Initial Adhesion)	0.5-0.9 N/mm <sup>2</sup>

### Additional Suggestions



**Recommendation for Cement Bag Handling :** To lift cement bag, kneel down with a straight back, securely hold product with hands, then use the power from your legs to lift product. Women, children, the elderly and those with health conditions or disabilities should not move cement bags without assisting equipment.



**Cautions** • Do not use on wet tiles • Suitable temperature for use is between 15°C - 40°C • Do not use to lay tiles on hot surfaces or surfaces in direct sunlight • Use within 180 minutes  
**Safety Precautions** • Avoid breathing in cement and avoid direct contact with concrete. Use of protective masks, protective goggles, and waterproof clothing, shoes and gloves are advised. • Avoid direct contact with concrete. Use of protective goggles, waterproof clothing, shoes and gloves are advised. • Avoid inhaling concrete dust • Do not install tiles using thin bed method • Do not add other materials to mixture • If concrete dust comes in contact with eyes or mouth, wash thoroughly with clean water and seek medical advice immediately. • If concrete dust comes in contact with skin, wash thoroughly with clean water. If irritations occur such as itching, rashes or burning sensation in area of contact with concrete dust, seek medical advice immediately. • Clothing stained with concrete dust should be washed thoroughly before reuse • Do not reuse packaging material as a container for food or drinks • Keep away from children

For additional inquiries about use of product, application method, material safety data sheets (MSDS), or other information, please contact SCG Contact Center +662-586-2222 or [www.scginternational.com](http://www.scginternational.com)



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