

TILE ADHESIVE

For Marbles, Granites, Granito Tiles,
Large Ceramic Tiles and Swimming Pool Tiles



TIS. 2703-2559

**PREMIUM PRODUCT
OF THAILAND**



Swimming Pool Tiles

Ceramic and Granito Tiles
size up to 60x120 cm

Ceramic and Granito Tiles
size up to 90x90 cm

Marbles and Granites
size up to 60x60 cm





TILE ADHESIVE

For Marbles, Granites, Granito Tiles,
Large Ceramic Tiles and Swimming Pool Tiles

Product Information

- For marbles, granites, granito tiles, large ceramic tiles and swimming pool tiles

Product Features

- For wall, floor, and swimming pool ceramic tiles
- Suitable for laying ceramic and granito tiles size up to 60x120 cm
- Suitable for laying ceramic and granito tiles size up to 90x90 cm
- Suitable for laying marbles and granites size up to 60x60 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 m² 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, floor, and swimming pool 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

Wet Property

pH of mix (pH meter)

~11

Sagging on vertical surface (TIS 2703-2559)

0.1-0.3 millimeter

Dry Property

Tensile Strength 28 days (TIS 2703-2559/EN 12004)

Standard Condition (After open time 20 minutes)

1.50 N/mm²

Standard Condition

1.41 N/mm²

Water Immersion (20 days 17 hours)

1.21 N/mm²

Heat Condition (14 days)

1.40 N/mm²

Shear Strength (TIS 2703-2559/ANSI 118.4)

Glazed wall tiles

7 days in Standard Condition

2.26 N/mm²

14 days in water immersion 7 days

2.55 N/mm²

Mosaic tiles

1 day in Standard Condition

0.63 N/mm²

7 days in Standard Condition

2.02 N/mm²

14 days in water immersion 7 days

2.38 N/mm²

28 days in Standard Condition

2.44 N/mm²

84 days in Standard Condition

2.27 N/mm²

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



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