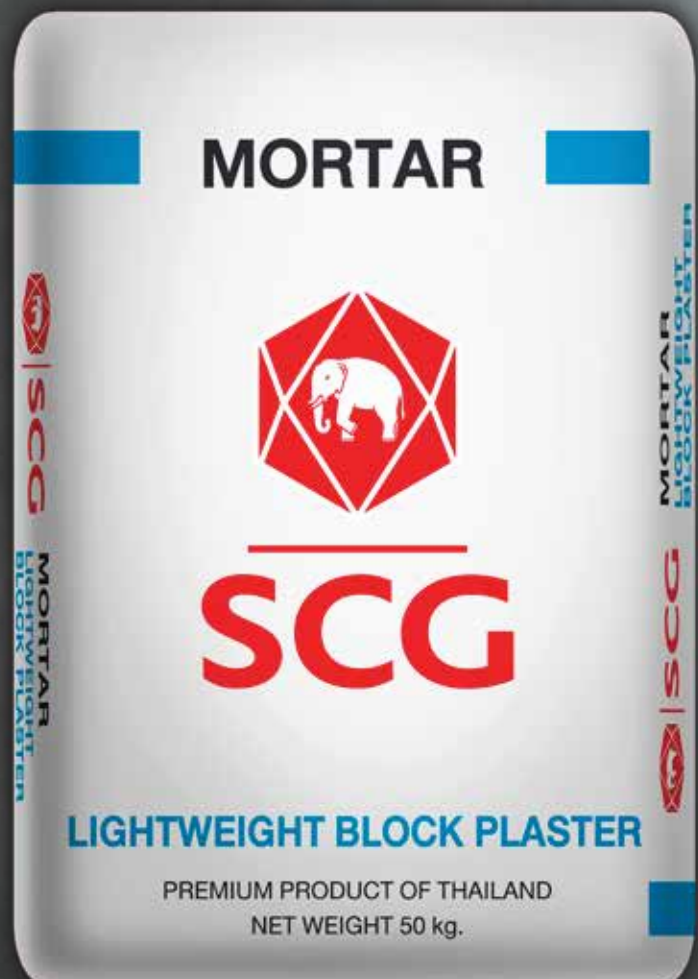


LIGHTWEIGHT BLOCK PLASTERING MORTAR

*PREMIUM PRODUCT
OF THAILAND*



Lightweight Blocks





LIGHTWEIGHT BLOCK PLASTERING MORTAR

Product Information

- For plastering lightweight blocks

Product Features

- Minimal cracks from special water retention agent
- Easy, smooth plastering from Air-entraining agent
- Strong bonding from added adhesive agent
- Has a suitable setting time
- Mortar sprayer compatible

Application Method

- Mix 1 bag with 10-12 liters of clean water
- Stir until well mixed to desired concentration then plaster with a trowel using the general method of plastering

Application area

- 2.6-2.8 m² for 1.0 centimeter thickness
- 1.7-1.9 m² for 1.5 centimeters thickness

*Information supplied from laboratory test

Recommendations

- Use within 2 hours of mixing
- Do not add water after mortar has begun to set
- Do not add other materials such as sand to avoid disproportion of mixture
- For concrete surfaces, prepare surfaces with a coat of bonding mortar before plastering
- Spray with water 2-3 days after plastering

TECHNICAL DATA

Product Identity

Type : Powder

Color : Grey

Storage : Keep in dry conditions and avoid moisture

Shelf Life : up to 2 months

Packaging : 50 kilograms per bag

Application Data

Application : Plaster on lightweight blocks

Layer Thickness : 1.0-1.5 centimeters

Mixing Water : 10-12 liters per bag

Temperature Range : 20-40°C

Application Humidity: minimum 50%

Pot Life (25°C) : 120-180 minutes

Test Data

Property (Method)	Result
Wet Property	
pH of mix (pH meter)	~11
Air Content (ASTM C185)	17-29%
Water Retention (ASTM C1506)	90-110%
Time of Setting (ASTM C807)	140-280 minutes
Dry Property	
Compressive Strength (ASTM C109)	
28 days	> 2.5 MPa
Bonding Strength (EN 1015-12/TIS 2735-2559)	
28 days	> 2.5 N/mm ²
Drying Shrinkage (ASTM C596)	
28 days	0.06-0.12%

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 apply directly onto concrete wall • Suitable temperature for use is between 20°C - 40°C • Avoid using product in direct sunlight or in windy conditions • If plastering an area of 6 meters in length or 16 m², divide wall joints while plastering to avoid cracks. • If plastering with over 3 centimeters of thickness, it may negatively effect the bond between the wall and plaster • Paint properties may be effected if painting while plaster is not fully set and still retains moisture • General oil paints may not adhere to plaster, if use is necessary, please consult paint manufacturer.

Safety Precautions • Avoid breathing in cement and avoid direct contact with concrete. Use of protective masks, protective goggles, and waterproof clothing, shoes and gloves is advised. • Avoid direct contact with concrete. Use of protective goggles, waterproof clothing, shoes and gloves is advised. • Avoid inhaling concrete dust • 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.scg-trading.com



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