

# GENERAL MASONRY MORTAR

## **MORTAR**



SCG

## **MASONRY**

PREMIUM PRODUCT OF THAILAND NET WEIGHT 50 kg.

## **GENERAL MASONRY MORTAR**

#### **Product Information**

- For all kinds of brick and concrete block masonry
- · Package: 50 kg/bag

#### **General Property**

- Consist with special water retention admixture to provide soft and adhesive texture easily for configuration and masonry range management.
- · Consist with extra adhesive admixture to strength the wall.
- Good to use with building brick, block, holed red brick, uncoated brick, white brick and wind channel brick.

#### **Special Property**

 Well adhesive to brick or all kinds of concrete blocks, easy for configuration

#### **Application Method**

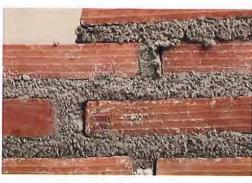
- · Mix 1 bag with 7-8 litre clean water.
- Stir until it is well mixed to the desired concentration.

#### Application area (m<sup>2</sup> / bag)

- For half size of brick masonry: approx. 1.3-1.5 m<sup>2</sup>
- For concrete block masonry: 2.5-2.8 m²
- \*Information from laboratory test

#### Suggestion

- It is recommended to use up within 2 hours after mix:
- · Don't add any water after setting.
- It is recommended to install round rod (Arc) at every 50 cm. to strengthen the wall
- It is recommended to spray water for approx. 1-2 days after masonry to strengthen adhesiveness and perfect compressive supportable capacity.









80-110 mins

### **TECHNICAL DATA**

#### **Product Identity**

Type : Powder Color : Grey

Bulk Density: 1.76 kg/L Moisture by Weight: 0.2%

Storage & Shelf Life: Storage in dry conditions avoid

for moisture and water

Package: 50 kg/bag

#### **Test Data**

 Specific Gravity of mix (ASTM C 188)
 2.75 g/cm³

 Air Content (ASTM C 185)
 0-10 %

 Water Retention (ASTM C 91 TIS.598-2547)
 77-100 %

Time of Setting (ASTM C 807)

Dry Property

Compressive Strength (ASTM C109/109M, TIS.598-2547)

7 day 6-18 N/mm² 28 day 12-23 N/mm²

Bonding Strength (ASTM C 952)

7 day 0.1-0.3 N/mm² 28 day 0.2-0.5 N/mm²

#### **Application Data**

Application: Laying clay brick, concrete block

Masonry Thickness: 1 - 3 cm

Mixing: 7 - 8 L/bag

Temperature Range: 10 - 40°C Application Humidity: min 50%

Port Life: 60 minutes

#### Accreditation:

- •TIS / ISO9001 : 2000
- •TIS / ISO14001: 1996
- Water retention: ASTM C91-03, TIS1776-2542
- Compressive strength : ASTM C109/C109M-02
- Air content : ASTM C185-02, TIS1776-2542
- Time of setting: ASTM C807-66, TIS1776-2542
- Bonding strength: ASTM C952-91

