



Trustmark of innovative quality

# GENERAL MASONRY MORTAR



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## 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 m<sup>2</sup>
- \*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.



## 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

### 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

### Test Data

Property (Method)	Results
<b>Wet Property</b>	
pH of mix (pH meter)	~11
Specific Gravity of mix (ASTM C 188)	2.75 g/cm <sup>3</sup>
Air Content (ASTM C 185)	0-10 %
Water Retention (ASTM C 91 TIS.598-2547)	77-100 %
Time of Setting (ASTM C 807)	80-110 mins
<b>Dry Property</b>	
Compressive Strength (ASTM C109/109M, TIS.598-2547)	
7 day	6-18 N/mm <sup>2</sup>
28 day	12-23 N/mm <sup>2</sup>
Bonding Strength (ASTM C 952)	
7 day	0.1-0.3 N/mm <sup>2</sup>
28 day	0.2-0.5 N/mm <sup>2</sup>

### 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