

# Sand Cement Mortar

## Technical Data Sheet



### DESCRIPTION:

Hanson Sand Cement Mortar is prepared by blending CE-m (L/C m) Marked Hanson Cement CEM I 52,5N (to BS EN 197), with Regen GGBS (to BS EN 15167) and Building sand (conforming to BS EN 12620).

Hanson Sand Cement Mortar is a Category M5 mortar, CE marked against BS EN 998-2 specification for mortar for masonry, and contains not more than 35% Regen GGBS as total cementitious content.

Colour – brown/grey.

### MIX RATIO:

1 part cementitious content: 6.5 parts sand.

### USES:

Brick & block laying, pointing, patching, rendering and general mortar repairs.

### COVERAGE RATE:

| Bag size | Yield m <sup>3</sup> | Coverage m <sup>2</sup> at depths |      |      |      |
|----------|----------------------|-----------------------------------|------|------|------|
|          |                      | 10mm                              | 25mm | 50mm | 75mm |
| Maxi     | 0.015                | 1.5                               | 0.6  | 0.3  | 0.2  |
| Handi    | 0.003                | 0.3                               | 0.12 |      |      |

Maxipack will produce approximately 0.015m<sup>3</sup>, sufficient to lay approximately 24 standard bricks.

### COMPRESSIVE STRENGTH:

Typically 6 -8 N/mm<sup>2</sup> @ 28 days.

### INSTRUCTIONS FOR USE:

Pour the content of the bag onto a clean, flat surface. Slowly add clean water, mixing continuously to make the mix workable. The use of a suitable bricklaying additive at the recommended dosage rate will aid brick laying.

Approx. water addition

| Bag size | Water (litres) |
|----------|----------------|
| Maxi     | 3.0 – 3.5      |
| Handi    | 0.7 – 0.8      |

Too much water will weaken the mix. Use within 30 minutes of adding water.



**CLEANING:**

Clean down tools and equipment with water prior to the material setting.

**LIMITATIONS:**

Application temperature: +5°C to 35°C.

Do not use when air temperature is below 5°C or when wall / ground is frozen.  
Protect finished work against frost and rain by using hessian or polythene sheeting.  
In dry or windy conditions, do not allow finished work to dry out too quickly.  
Allow mortar to dry sufficiently, time dependent on ambient conditions, prior to further work.

**STORAGE CONDITIONS AND SOLUBLE CHROMIUM (VI):**

- This product must be stored in unopened bags clear of the ground in cool dry conditions and protected from excessive draught.
- If stored correctly, as detailed above, the chromium (vi) in this product will be within required levels for up to 12 months from the date shown on the bag.
- Use of this product after the declared storage period, as detailed above, may increase the risk of an allergic reaction.

**AVAILABILITY:**

- Handipack – 100 per 1.4 tonne pallet.
- Maxipack – 56 per 1.4 tonne pallet.



**For further information contact:**

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