

## GREENGROUTS 1040

### NON-SHRINK GROUT

#### DESCRIPTION

GREENGROUTS 1040 is a ready to use grouting mortar based on cement with carefully graded fine aggregate in combination with selected admixtures.

#### MAIN PURPOSE

For free flow grouting to provide heavy duty support beneath load bearing units. For machine base plates, crane and transport rails, anchors and dowels, bridge ambient etc.

#### ADVANTAGES

Eliminate shrinkage problems associated with conventional cement grouts and ensure effective contact and support. Facilitates rapid installation and early operation of plant because of high early strength. Factory controlled pre-packed components eliminate material selection, control and operator problems on site.

#### PROPERTIES

|                  |                                       |
|------------------|---------------------------------------|
| Appearance       | Powder                                |
| Bulk weight      | 1.53                                  |
| Specific gravity | 2.75                                  |
| Chloride content | Nil                                   |
| Shelf life       | Well closed, dry storage up to 1 year |

#### CONSUMPTION

The rate of mixing water is approx. 0.15 -0.25 liter per kg.

Coverage: 2kg / m<sup>2</sup> /1mm thick

#### PACKAGING, STORAGE & SHELF LIFE

The grey powder of GREENGROUTS 1040 is packed in 25kg per bag.  
Unopened GREENGROUTS 1040 has a shelf life of 12 months if kept in dry storage condition.

#### Remarks

GREENGROUTS 1040: max. size of aggregates 3 mm

#### Instruction for Use

GREENGROUTS 1040 should be mixed with water to the desired consistency.

Thorough mixing is essential. Add dry mix to water, not vice versa.

GREENGROUTS 1040 should be placed immediately after preparation.

The top of the concrete base which is to receive the GREENGROUTS 1040 must be cleaned of all defective concrete, laitance, oil or grease. All loose or friable material must be removed. Compressed air is ideal for this purpose. Any parts of the equipment to be installed, with may come in contact with the grout must be carefully and completely cleaned of oil, grease or rust.

The surface of the foundations should be saturated with water before the grout is placed.

Mix the grout as close as possible to the equipment and have on hand a sufficient quantity to ensure that pouring will be continuous once it has started. Whether mixed by hand or by concrete mixer, add recommended amount of water to produce desired strength and flowability.

Any machinery adjacent to the grouting operation, which might cause vibration of the foundation whilst grouting is in progress and before the mortar has set, must be shut down.

#### TECHNICAL DATA SHEET OF GREENGROUTS 1040

| GREENGROUTS 1040 | Age in days | Flexural strength<br>N/mm <sup>2</sup> | Compressive strength<br>N/mm <sup>2</sup> |
|------------------|-------------|----------------------------------------|-------------------------------------------|
| Greengrout 1040  | 7           | 12.9                                   | 68.3                                      |
|                  | 28          | 15.9                                   | 70.3                                      |

## CLEANING

Clean tools and equipments immediately with water before the material hardened. Hardened material can only be removed mechanically.

## HEALTH & SAFETY

To avoid GREENGROUTS 1040 come into contact with skin & eyes or be swallowed, gloves & goggles are recommended when handling GREENGROUTS 1040. If eyes or skin contacted with the powder, wash thoroughly with clean water. If irritation persists, seek medical attention at once.



## Guarantee

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