



PRODUCT INFORMATION

GM10 STANDARD GROUT

DESCRIPTION

GM 10 is a pre-blended cementitious grout with good pumpable qualities when mixed with water. The heat of hydration is low with minimal plastic shrinkage characteristics.

USES

GM 10 is designed for general grouting applications. Example use would include: grouting behind tunnel and shaft linings, stabilisation, coastal and marine works, grouting behind brick/stone walls and general sewer renovation.

COMPOSITION

GM 10 consists of a blend of quality controlled pulverised fuel ash to BS 3892 and ordinary Portland cement (BS EN 197-1-CEM 42,5N).

YIELD

The approximate yield of mixed grout per tonne of dry powder is 0.86m³. The approximate quantity of dry powder required to produce 1m³ of set grout is 1.16 tonnes. These figures do not allow for site wastage.

MIXING AND PLACING

GM 10 should be mixed using water which complies with BS EN 1008 (as for concrete).

GM 10 may be mixed and placed using a range of equipment including bougee pan, paddle, highshear and colloidal mixers and helical screw, diaphragm and piston type pumps.

PACKAGING AND STORAGE

GM 20 is available in nominally 25kg tough paper sacks and can be palletised on timber pallets and can also be shrink wrapped. **GM 20** may also be available in IBC sacks or in bulk powder tankers.

GM 20 should be stored in cool dry areas clear of the ground sheeted or under cover and stacked not more than two pallets high.

The product should be used on a first in – first out basis.

Shelf life is minimum 3 months but could be in excess of 6 months subject to temperature and humidity.

If supplied in bulk form, **GM 20** should be stored in cement type silos with suitable dust control and batch weighing equipment.

TYPICAL PERFORMANCE

Compressive Strength N/mm²

Age (days) 3 7 28 90

Nil Nil 2.8 3.5

(Water/Solids Ratio of 0.4)

Setting Time: Approximately: 10 hours

(Results derived from specimens produced at 0.4 water/solids ratio at 20°C)

Flow Characteristics:

A typical flow-channel figure for **GM 10** would be in the range of 25cm – 35cm.

(The quoted set and flow characteristics are dependant on temperature and type and duration of mixing. Temperatures higher or lower than 20°C, for example, will result in reduced or extended setting times).

QUALITY CONTROL

All products are factory blended, tested and packaged to quality control procedures in accordance with BS EN ISO 9000 Series.

HEALTH & SAFETY

For health and safety data, see sheet reference 20/A.

INFORMATION PRICES & ORDERING

Regular orders for CMS Pozament products should be made by contacting our national order line on 01283 550060 giving as much notice as possible but not less than 48 hours.

New orders for CMS Pozament products should be made by contacting 01283 554800.