

LIMELITE HERITAGE GROUT 7

DESCRIPTION

Heritage Grout 7 is a medium strength lime based grout for use in dry conditions. The product is an off-white/grey fine powder.

USES

Heritage Grout 7 is used for void filling where medium strength and absence of Portland cement hydrates are desirable. Hydraulic lime is used as the key binder. The product has been designed for World Heritage site projects and in particular, church, cathedral and other ancient structures that require repair using traditional materials and techniques.

BENEFITS

- High flow characteristics
- One component mix
- Factory blended
- Good pumping characteristics
- Portland cement free
- Medium strength for lime based product.

TYPICAL PERFORMANCE

Compressive Strength

4.7 N/mm² at 7 days
7.7 N/mm² at 28 days

Flexural Strength

2.2 N/mm² at 28 days

Set Time

12 hours (Initial)

Flow (Colcrete Flow Channel), Approx. 40-45cm

Note: The quoted performance characteristics are derived from test specimens produced at a water to powder ratio of 0.4 (ie 10 litres or 2.2 gallons per 25kg bag) at 20°C.

COLOUR

Heritage Grout 7 mixes with water to produce a grey slurry and dries to a light grey smooth texture if exposed.

YIELD

The approximate yield of mixed grout per tonne of dry **Heritage Grout 7** powder is 0.83m³. The approximate quantity of **Heritage Grout 7** powder required to produce one cubic metre of set grout is 1.21 tonnes. These figures do not make any allowances for site wastage.

APPLICATION

Heritage Grout 7 is designed to be placed by gravity or low pressure pumping techniques.

Suitable mixing equipment includes bougee pan, paddle mixer and colloidal mixer. Suitable pumping equipment includes helical screw, diaphragm and piston types.

Water for mixing **Heritage Grout 7** should be clean and comply with the requirements of BS EN 1008 (as for the making of concrete).

The performance characteristics of **Heritage Grout 7** are dependent on temperature, type and duration of mixing. Higher or lower temperatures will result in reduced or extended setting times, respectively.

PACKAGING & STORAGE

Heritage Grout 7 is available in nominal 25kg sacks, palletised and shrink wrapped. **Heritage Grout 7** may also be available in Intermediate Bulk Containers.

Palletised Heritage Grout 7 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 equivalent to that of Portland Cement stored under similar conditions.

CLEAN UP AND SPILLAGES

Dry powders should be swept up and disposed of in accordance with the Local Authority.

HEALTH AND SAFETY

Ensure correct protective clothing is used whilst using **Heritage Grout 7** powder and **Heritage Grout 7** slurries. Unnecessary skin contact should be avoided and any eye contact should be dealt with promptly by irrigation with clean water.

For further information see separate Material Safety Data Sheet for **Heritage Grout 7**, reference 60/8A.

QUALITY CONTROL

Factory blended, tested and packaged in the UK for Adomast Ltd to quality control procedure in accordance with BS EN ISO 9001 Series.