



# High Flow, High Strength Grout

## THE PRODUCT

A high flow, high strength grout.

A blend of quality assured ingredients including Ordinary Portland Cement ( to BS EN 197-1 ), selected pulverised fuel ash ( to BS EN 450 ) and a high workability admixture.

The mixed grout offers good pumpable qualities, reduced heat of hydration, high flow qualities and a high level of resistance to sulphate and other chemical attack when cured.

The product is supplied in dry powder form in 25Kg bags, bulk tanker or one tonne bags.

## USE

For placement of grout under low pressures.

Where the use of a high flow grout will ensure total filling of the void or annulus.

## MIXING

Reader Multi - Purpose Placing Machine.

Paddle or colloidal systems through piston or diaphragm pumps.

## PROPERTIES

Product

To yield one cubic metre placed at 0.4 water to solids ratio

	Powder	Water
GHF 80	1290kg	516 litres

Typical compressive Strength N/mm<sup>2</sup> days

	8 hours	10 hours	12 hours	15 hours	24 hours	3 days	7 days	28 days
GHF 80	1	4.5	8	15	20	30	45	60

Setting time -	Approx 4 hours
Fresh density -	Approx 1806kg / m <sup>3</sup>
Colcrete flow channel -	Approx 500 mm

## WATER

GHF 80 should be mixed using water which complies with BS EN 1008, as for conventional concrete and mortar.

## PACKAGING AND STORAGE

GHF 80 is supplied in 25Kg bags, palletised and shrink wrapped, 1 tonne bulk bags or bulk tanker.

Palletised material should be stored clear of the ground, sheeted and preferably under cover. The pallets should not be stacked more than two high with the material being used on a first in, first out basis.

The shelf life of GHF 80 is similar to that of portland cement, approximately two months if stored correctly.

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## QUALITY

All Reader products are tested in accordance with specific procedures to ensure compliance to specification prior to despatch and are subject to the controls of a BS EN ISO 9001 approved quality system. Technical advice is always available on the application of these products.

## HEALTH AND SAFETY

Cement powder when mixed with water releases Alkali which may cause skin and eye irritation. We therefore advise the use of barrier creams, gloves and protective eyewear as a precaution when using these products.

A further detailed C.O.S.H.H. Health and Safety Data Sheet for these products is available on request.

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