

Product Data Sheet

80/20 GROUT

MINING PRODUCTS

Description

80/20 Grout is a factory blended, high strength cementitious grout having good pumping and low shrinkage characteristics.

80/20 Grout is an intimate blend of cement and selected fillers.

Uses

80/20 Grout is used in strata injection/replacement, floor consolidation, chock skid pans, F.S.V. garage bases, floors at junctions, rail junctions, rails, cavity consolidation.

Mixing and Pumping

80/20 Grout can be mixed and pumped with all currently available equipment within the Mining Industry, including multi speed placing machines and batch mixing tanks.

Suitable pumping equipment includes helical screw, diaphragm and piston type pumps. At the recommended water:solids of 0.4, pumping distances above 1,000 metres have been achieved through a 1.25" range at ambient temperatures.

Typical Performance

80/20 Grout is designed to give a minimum 28 day strength of 45 N/mm² when mixed at a water:solids ratio of 0.4

Compressive strength at 0.4 w.s.r (N/mm ²)			
1 day	3 days	7 days	28 days
12	20	30	50
Initial Set		4 hours minimum	
Final Set		7 hours maximum	

Yield

The approximate yield of mixed grout per tonne of dry **80/20 Grout** powder is 0.75m³. The approximate quantity of **80/20 Grout** powder required to produce one cubic metre of set grout is 1.33 tonnes.

Litres product/25kg bag	25kg bags/m ³ product
18.8	54

These figures are approximate and take no account for site wastage.

Flow Characteristics

80/20 Grout is a mobile grout having a pourable consistency. The above characteristics of **80/20 Grout** are dependent on temperature, type and duration of mixing, higher or lower temperatures for example will result in reduced or extended setting times respectively.

Water

Where possible mains water should be used, however, no adverse effects have been experienced to date in using other water supplies underground.

Packaging and Storage

80/20 Grout is available in nominal 25kg sacks, palletised and shrink wrapped. **80/20 Grout** may also be available in Intermediate Bulk Containers or in Bulk Powder Tankers.

Palletised **80/20 Grout** 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, **80/20 Grout** should be stored in cement type silos with suitable dust control and batch weigh equipment.

Quality Control

All Pozament products are factory blended, tested and packaged to quality control procedure in accordance with BS EN ISO 9001.

Clean up and Spillages

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

Information, prices & ordering

For technical information, pricing and to place orders contact our Sales Office on the following:

Telephone: **08444 630046** Fax: **08443 099703**

Email: pozament@tarmac.co.uk

Visit our website: www.pozament.co.uk

Pozament - Tarmac Building Products Ltd.,
Swains Park Industrial Estate, Park Road,
Overseal, Swadlincote, Derbyshire DE12 6JT.

Health & Safety

Health and safety advice, which must be followed, can be found on the Material Safety Data Sheet. Users are advised to wear face mask, goggles, gloves and overalls when handling, mixing and applying cementitious products.

Contains Portland Cement. Contains Chromium (VI), which may produce an allergic reaction. Clothing contaminated by wet cement should be removed immediately and washed before reuse. R38 - Irritating to skin. R41 - Risk of serious damage to eyes. S26 - In case of contact with eyes, rinse immediately with water and seek medical advice. S37/39 - Wear suitable gloves and eye/face protection. S2 - Keep out of reach of children