

TECHNICAL INFORMATION

SET ACCELERATED GROUT RANGE

Product Data Sheet: Tunnelling Grouting Materials

DESCRIPTION

These are pre-blended cementitious grouts, manufactured using ordinary Portland cement, selected fillers and a Chloride free accelerator, which have good pumpable qualities when mixed with water. The heat of hydration is low with minimal plastic shrinkage characteristics. (See over for technical data).

MIXING AND PLACING

The powder should be mixed using water which complies with BS EN 1008 (as for concrete). These grouts may be mixed and placed using a range of equipment including paddle, high-shear and colloidal mixers and helical screw, diaphragm and piston type pumps.

PACKAGING AND STORAGE

These grouts are available in nominal 20kg sacks, palletised and shrink wrapped. These may also be available in Intermediate bulk containers or in Bulk Powder Tankers.

If palletised they should be stored in cool, dry areas clear of the ground, sheeted or under

cover and stacked not more than two pallets high.

These products 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 Powder tanker form the product should be stored in cement type silos with suitable dust control equipment.

CLEAN UP AND SPILLAGES

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

Quality Control

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

For more details contact:
03444 630 046 pozament@tarmacbp.co.uk

The information given in this technical data sheet is based on our current knowledge and is intended to provide general notes on our products and their uses. Tarmac endeavour to ensure that the information given is accurate, but accept no liability for its use or its suitability for particular application because of the product being used by the third party without our supervision. Any existing intellectual property right must be observed.

TYPICAL PERFORMANCE

Values are derived from specimens produced at 0.40 w.s.r. @ 18-22°C, unless otherwise specified.

Typical Usage Legend:

T=Tunnelling
 S=Structural
 STAB=Stabilisation
 P=Piling
 V=Void Filling

Product Ref	Compressive Strength N/mm ²				Flow (cm)	Set time (Hours)	Powder QTY (T) per m ³ Grout	Yield litres per 20kg	Flow cone test results (seconds) ASTM C939-02	Typical uses (see legend)
	1 day	3 days	7 days	28 days						
SP/A7	8-11	7-9	17-19	29-31	25-35	1.5-3	1.36	14.64	15-40	T, S, STAB, P, V
SP/A2	2-3	4-6	8-10	16-18	25-35	1.5-3	1.20	16.64	7-30	T, S, STAB, P, V
SP/A4	1-3	3-5	7-9	14-16	25-35	1.5-3	1.20	16.64	7-30	T, S, STAB, P, V
SP/A6	0.5-1	2-4	4-6	9-11	25-35	1.5-3	1.19	16.80	7-30	T, S, STAB, V
KSM	8-11 @ 12 hours		24-26	39-41	35-40	35-40 mins	1.36	14.64	N/A	T, S, STAB, P, V

INFORMATION, PRICES & ORDERING

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

Telephone: **03444 630 046**

Email: **pozament@tarmacbp.co.uk**

Visit our website: **pozament.co.uk**

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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 to 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.

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