

TECHNICAL INFORMATION

PRESSURE POINTING MORTAR RANGE

Product Data Sheet: Pressure Pointing Mortar

DESCRIPTION

The **Pressure Pointing Mortar Range** is a range of pre-blended cementitious products designed for mechanical and hand repointing and renovation of masonry and stone substrates prior to grouting.

The range is supplied in a range of strengths and is manufactured using ordinary Portland cements with selected fillers and admixtures to provide the appropriate design for the required function.

The range comprises:

- PPM: For use in dry conditions
- PPM/W: For use in wet and submerged conditions.
- PPM/WQS: For use in wet and submerged conditions where an accelerated set is required
- PPM/OH: For application overhead
- PPM/NJ: For use in narrow joints (typical 5mm)

MIXING INSTRUCTIONS

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

The recommended mixing method is the use of high shear mixers, however mixing can be carried out using drum type mortar mixers or by "hand".

Due to the polymer content of **PPM/W** and **PPM/WQS** high shear mixers must be used.

APPLICATION

Pressure Pointing Mortars are designed to be placed using pressure pointing machinery, but with the exception of PPM/W and PPM/WQS they can also be placed using skeleton (cartridge) gun or by trowel.

Traditional good practice applicable to brickwork, block-work, masonry and paving construction apply to the placing of the **Pressure Pointing Mortar Range**.

Before starting the repointing process joints should be raked out to a minimum depth of one and half times their width. The joints should be clean and all loose mortar, dirt, vegetation or any other contaminant must be removed. The joints must be soaked to mitigate effects of suction.

Freshly placed mortar should be adequately protected from drying winds or strong sun using protective sheeting such as wet hessian or polythene sheets.

Like most cement based product the application of the Pressure Pointing Mortar Range is not recommended below 5°C.

PACKAGING AND STORAGE

The **Pressure Point Mortar Range** is available in nominal 25kg sacks, palletised and shrink wrapped.

Palletised mortar 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.

The product shelf life is a minimum of 3 months but could be in excess of 6 months subject to temperature and humidity conditions.

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

The below values are derived from laboratory testing using samples produced at the recommended water to solid ratios stated below and at an ambient temperature of 18-22°C.

Product Reference	Compressive Strength Gain (N/mm ²)				Set Time (Initial)	Set Time (final)	Water: Solid Ratio	Tonnes/ m ³ mortar ¹	Yield (Litres/ 25kg) ¹
	1 day	3 days	7 days	28 days					
PPM40	10	17	22	40	2	7	0.18	1.75	14.2
PPM30	6	12	18	30	3	8	0.18	1.75	14.4
PPM18	4	6	9	18	3	9	0.18	1.72	14.5
PPM10	2	3	6	10	4	12	0.18	1.68	14.8
PPM5	1	2	4	5	5	14	0.18	1.64	15.2
PPM40W	10	17	22	40	2	7	0.18	1.75	14.2
PPM30W	6	12	18	30	3	8	0.18	1.73	14.4
PPM18W	4	6	9	18	3	9	0.18	1.72	14.5
PPM40W/QS	10	17	22	40	1	2	0.18	1.75	14.2
PPM30W/QS	6	12	18	30	1	2	0.18	1.73	14.4
PPM18W/QS	4	6	9	18	1	2	0.18	1.72	14.5
PPM 40O/H	10	17	22	40	2	7	0.22	1.61	15.5
PPM 30O/H	6	12	18	30	3	8	0.22	1.59	15.7
PPM18O/H	4	6	9	18	3	9	0.22	1.58	15.8
PPM NJ40	7	0	25	40	3	8	0.4	1.22	20.4
PPM NJ40W	7	0	25	40	3	8	0.4	1.22	20.4

¹The above figures are approximate and take no account for site wastage.

QUALITY CONTROL

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

CLEAN UP AND SPILAGES

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

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.

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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