PORTLAND CEMENT (BS EN 197-1, CEM II 42.5N)

DESCRIPTION

This is a Portland Cement of a class not less than 42.5N which is manufactured by recognised Portland cement producers who have been granted the right and licence to be listed in the BSI Register of Firms of Assessed Capability.

The cements are utilised extensively by the major UK readymix companies, precast concrete manufacturers and leading civil engineering and building contractors in both the UK and overseas.

QUALITY AND DURABILITY

Portland Cement is blended in accordance with the proportions set out in BS EN 197-1, CEM II 42.5N, and is therefore fully acknowledged by UK Specifications and Codes of Practice for building and general construction works.

QUALITY CONTROL

It is tested and packaged to quality control procedures in accordance with BS EN ISO 9001 Series.

HEALTH AND SAFETY

For Health & Safety see Data Sheet Reference:- 1/A.

PACKAGING & STORAGE

This cement is available in nominal 25kg sacks, palletised and shrinkwrapped. Portland Cement may also be available in Intermediate Bulk Containers or in Bulk Powder Tankers.

Portland Cement should be stored in cool dry areas clear of the ground, sheeted or under cover and stacked not more than two pallets high.

This product should be used on a first in – first out basis. Shelf life is 6 months when properly stored.

INFORMATION, PRICES & ORDERING

For ordering contact: 01283 550060.
Fax: 01283 550486.
For all other enquiries contact 01283 554800.
NB: Please give not less than 48 hours notice

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CMS Pozament
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Tel: 01283 554800 Fax: 01283 552923 Email: infocmspozament@tarmac.co.uk **www.tarmac.co.uk/cmspozament**

PORTLAND CEMENT

Portland Cement has traditionally been used for all construction applications.

Careful selection of the other concrete or mortar constituents will ensure good end product performance.

The end use of the mortar or concrete will determine the best choice of sand (fine aggregate) and stone (coarse aggregate) if applicable.

General Concreting: The sand used should be clean, sharp concreting sand. The stone should be clean, graded 20mm natural or crushed gravel. Alternatively, all-in aggregate (ballast) with 35 – 40% clean, sharp sand blended with graded 20mm aggregate may be used.

Paths and Drives: As above

Slabs and Footings: As above

Floor Screeding: The sand used should be clean, sharp concreting sand. For thick screeds (greater than 75 mm) 10mm clean aggregate may be added.

Cement Rendering: The sand used should comply with BS1199 and be clean and free from impurities. Proprietary waterproofing admixtures may also be used in accordance with manufacturers' recommendations.

Paving Slab Base: The sand used should be clean, sharp concreting sand.

Bricklaying Mortars: The sand used should be clean, well graded and comply with BS1200.

Like all materials, to get the best from concrete and mortar a few simple rules apply.

Do

Use the correct sand and/or stone
Use the correct quantities of materials
Mix the materials thoroughly
Use only enough water to achieve workability
Compact concrete fully
Protect concrete and mortar from premature drying out
Protect concrete and mortar from frost

Don't

Use very fine, silty or dirty sands
Use any frozen materials
Use concrete or mortar below 3°C
Use concrete or mortar on frozen ground
Use excessive water
Allow concrete or mortar to dry out to quickly

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