Portland Cement (CEM 52.5) Product Data Sheet

Bulk Portland cements for civil engineering, building applications, ready-mixed concrete, and concrete products. Tarmac Portland Cements are quality-assured with independent third-party certification and carry a CE Mark.

APPLICATIONS

Portland PC-RM CEM I 52,5
Cement with enhanced properties for ready-mixed concrete.

Portland PC-CP CEM I 52,5
Cement with high early-strength for concrete producers and precast manufacturers. Concrete, mortars and grouts containing PORTLAND CEMENTS must be specified and used correctly for best performance. The cement content must be correct and the water:cement ratio as low as possible consistent with satisfactory placing, thorough compaction and effective curing.

PROPERTIES

• Grey colour
• Consistent strength meeting all the conformity criteria in BS EN 197-1
• Compatible with admixtures such as air-entraining agents and workability aids, with additions such as fly ash and ground granulated blastfurnace slag and with pigments. Trial mixes are recommended to determine the optimum mix proportions.

Refer to the following documents:
• BS EN 206: Concrete
• BS 8500: Concrete – Complementary British Standard to BS EN 206

Phoenix should be used where increased resistance to sulfates is required.
CONDITIONS OF USE

- Concrete, mortars and grouts containing Tarmac PORTLAND CEMENTS must be specified and used correctly for best performance.
- The cement content must be correct and the water:cement ratio as low as possible consistent with satisfactory placing, thorough compaction and effective curing.
- The final finish quality of this material will depend upon the operative having the required skills and a familiarisation with the materials and its application methods.
- Tarmac Cement cannot be held responsible where workmanship has not been carried out in accordance with good practice.
- PORTLAND CEMENTS are manufactured from natural products, and slight shade variations may occur. Portland cements will also have shade variations from differing manufacturing centres.

VAILABILITY
Tarmac PORTLAND CEMENTS are available throughout the United Kingdom in bulk tankers.

TECHNICAL SUPPORT
Further information and specification advice on PORTLAND CEMENTS, and the full Tarmac Cements range, can be obtained from the contacts listed below.

HEALTH AND SAFETY
Contact between cement powder and body fluids (eg, sweat and eye fluids) may cause irritation, dermatitis or burns.
For further information, including control of soluble hexavalent chromium, refer to the appropriate Tarmac Cement Health and Safety Information Sheets.

For further information
Technical helpdesk
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