

Portland Cement

CEM I 52,5N

Portland Cement is quality assured with independent third party certification and carries a CE mark. It offers high levels of workability in ready-mixed concrete, mortars and soil stabilisation.

Portland Cement is particularly suitable for:

- Applications where 7 and 28 day strength are fundamental to performance.
- Ready-mixed concrete and mortar applications where high levels of workability are desired.
- Soil stabilisation and adhesives.

Applications

Portland Cement with enhanced properties for ready-mixed concrete, mortar and soil stabilisation.

Concrete, mortars and grouts containing Portland cement 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.

Refer to the following documents:

- BS EN 206-1: Concrete.
- BS 8500: Concrete Complementary British Standard to BS EN 206-1.
- BS 5628: Part 3 Use of Masonry.

Portland Ash Blend or Slag Blend Cements should be used where increased resistance to sulphates is required.

Properties

- Grev colour.
- Consistent strength meeting all the conformity criteria in BS EN 197-1.
- 7 and 28 day strength.
- Compatible with admixtures such as air-entraining agents and workability aids, with additions such as fly-ash and ground granulated blast furnace slag and with pigments. Trial mixes are recommended to determine the optimum mix proportions.

Availability

Portland Cement is available throughout the United Kingdom in bulk tankers.

Conditions Of Use

Concrete, mortars and grouts containing **Portland Cement** 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.

Breedon Cement Limited cannot be held responsible where workmanship has not been carried out in accordance with good practice.

Portland Cement is manufactured from natural products, and slight shade variations may occur. Portland cement will also have shade variations from differing manufacturing centres.

Technical Support

Further information and advice on this product and the full range of Breedon cement products can be obtained through contacting your local representative, or by calling our customer services team on **0845 5201 888.**

Health And Safety

Contact between cement powder and body fluids (eg, sweat and eye fluids) may cause irritation, dermatitis or burns. Cement is classified as an irritant under the Chemicals (Hazard Information and Packaging) Regulations.



