



OHORONGO
cement



PORTLAND CEMENT

CEM I 42.5R

COMPOSITION

Ohorongo CEM I 42.5R Portland Cement is a hydraulic binder according to SANS 50197/NAMS 197.

The main component is Portland cement clinker, finely ground together with calcium sulphate, which controls the setting time of Ohorongo CEM I 42.5R.

Stringent production control during the entire production process ensures consistent high quality.

SPECIFICATION

Ohorongo CEM I 42.5R Portland Cement is designed to meet a strength class 42.5 with a rapid early strength "R".

APPLICATION

Ohorongo CEM I 42.5R Portland Cement can be used in applications where a higher early strength class is required.

Typical applications are ready-mix concrete, masonry products, precast products and shotcrete.

- Higher earlier strength to counteract the effects of cold weather conditions
- Gives higher early strength for a given cement content
- Earlier pre-stressing for pre-stressed concrete
- Earlier stripping time for moulds and formwork
- On-site mixing with extenders (Fly Ash, GGBS)

Ohorongo CEM I 42.5R is compatible with commercial chemical admixtures.

STORAGE

Ohorongo Cement is distributed in 50 kg bags, 2 ton bags and bulk tankers. Bulk storage silos should be dry and vapor tight. Cement bags should be protected from moisture and kept dry, preferably off ground by means of pallets or timber, preventing moisture contact. Bags should be stored away from direct sunlight, or should be covered by a roof or sheeting. Stacking should be kept to a maximum of two pallets high to avoid compaction of cement bags at the bottom.

HANDLING AND SAFETY

Refer to **Ohorongo Cement** Safety Data Sheet, obtainable from **Ohorongo Cement**.

TECHNICAL SUPPORT

Ohorongo Cement offers technical support from its comprehensively equipped chemical-, cement-, and concrete laboratories. Assistance to cement- as well as concrete aspects, including advice on mix design is available from our qualified technical staff.

PRICE

Please contact the **Ohorongo Cement** Sales Office for price enquiries. Contact details provided below.

CONTACT

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The information given in this publication is based on current knowledge and experience. It gives a general indication of basic suitability, but must be adapted by the user for the particular application by means of tests and trials.

The respective applicable laws, standards and directives and the general recognized civil engineering regulations must be observed. The right to make changes in the interests of product and application development is reserved. Our current Terms and Conditions of Sale and Delivery shall apply for all business transactions.



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WORLD -CLASS STANDARDS



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