

PORTLAND CEMENT

42,5 R



COMPOSITION



OHORONGO CEM I 42,5 R Portland cement is a hydraulic binder according to SANS 50197.

The main component is Portland cement clinker finely ground together with calcium sulphate, which controls the setting time for **OHORONGO CEM I 42,5 R**.

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

SPECIFICATION



OHORONGO CEM I 42,5 R Portland cement is a rapid hardening cement for early strength or higher strength class. The cement is designed to meet a strength class 42,5 R.

APPLICATION



OHORONGO CEM I 42,5 R Portland cement can be used in applications where a higher early strength or strength class is required. It can be used in ready-mix concrete, precast concrete or production for concrete goods.

Typical applications are concrete, mortar, masonry products, paving, shotcrete and plaster.

Some of the benefits for using **OHORONGO CEM I 42,5 R** are as follows:

- Higher earlier strength in counteracting 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
- Higher strength class of concrete

OHORONGO CEM I 42,5 R is compatible with commercial chemical admixtures.



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STORAGE

Cement bags containing 50 kg must be stored dry and protected from moisture. The bags are not weatherproof. Bulk storage silos should be dry and tight.

HANDLING AND SAFETY

Refer to OHORONGO Cement Safety Data Sheet, obtainable from OHORONGO Cement.

TECHNICAL SUPPORT

Our technical support can provide you with information on all questions relating to technical applications. OHORONGO Cement has comprehensively equipped chemical, cement and concrete laboratories and can supply specific information and assistance regarding cement and concrete technology. Concrete mix designs are also offered as a service.

PRICE

OHORONGO Cement can be contacted for delivered prices. Contact details are provided below.

CONTACT

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Last update: January 2011 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 respectively applicable laws, standards and directives and the generally recognised civil engineering regulations must be observed. With the publication of this technical data sheet earlier technical data sheets cease to be valid. 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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