



OHORONGO
cement



PORTLAND FLY ASH CEMENT

CEM II B-V 42.5N

COMPOSITION

Ohorongo CEM II B-V 42.5N Portland Fly Ash Cement is a dry powder blend of Ohorongo hydraulic portland cement and pozzolanic siliceous Fly Ash according to SANS 50197/NAMS 197.

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

SPECIFICATION

The Ohorongo Portland Cement clinker component is compliant to the SANS 50197 specification, whereas the fly ash mineral extender component complies to SANS 50450-1, category S.

The blend, Ohorongo Cement CEM II B-V 42.5N, complies to the SANS 50197 specification in terms of chemistry (B-V) and performance (class 42.5N).

The "V" indicates siliceous fly ash of high quality and "B" represents 21%-35% of mass.

APPLICATION

Ohorongo CEM II B-V 42.5N Portland Fly Ash Cement blend is suitable for general concrete and precast concrete production.

This product offers particular suitability as binder for applications including:

- Durability concrete in aggressive chemical environments
- Durability concrete in marine environments
- Water-tight concrete for water-retaining structures
- Large volume concrete pours that require reduced heat of hydration development profiles
- "Green" concrete
- Concrete manufactured with aggregates exhibiting potential alkali- aggregate reactivity

Ohorongo Cement CEM II B-V 42.5N 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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