

POLY CRETE WP

Waterproofing integral concrete admixture

Product Description

POLY CRETE WP is a high performance-waterproofing admixture based on selected inorganic plasticisers.

It enables the water content to perform more efficiently by causing the cement particles to disperse and expose a larger surface area.

Advantages:

- Increases water tightness.
- Non-toxic.
- Chloride-free, safe for use with reinforced and prestressed concrete.
- Improves workability and plasticity.
- Water reduction enables higher compressive strength.
- Reduction of water increases density.
- Reduction of permeability improves durability and reduces porosity.
- Compatible with sulphate resistant cement or marine aggregates.

Uses:

POLY CRETE WP is ideal to:

- Waterproof concrete and cement / sand mixes.
- Concrete structures near seaside.
- Ideal for swimming pools, tunnels, basements, tanks, etc...
- Reduce permeability and surface absorption.

Standards & Specifications

Specific gravity	1.115 Kg/liter at 20 °C
Base	selected inorganic plasticisers
Chloride content	Nil
Appearance	Brown liquid
Air entrainment	acts as a mild detrained

Compatibility

Compatible with all types of Portland cements and cement replacement materials and all other Plastmix & admixtures

Package & Dosage

Is supplied in 20 & 220 liter drums.

The normal dosage of **POLY CRETE WP** is 0.35 liter/100 Kg of Portland cement and can be up to 0.8 liter/100 Kg of cement to improve workability.

It is recommended to carry out actual trial mixes at site to establish the exact dosage rate required.

Care must be taken to ensure good grading of the aggregates, and a minimum cement content of 300 Kg/m³ is recommended.

POLY CRETE WP should be added directly to the mixer preferably at the same time as the mixing water.

An overdose may cause retardation increase. Provided that adequate curing is maintained, the ultimate strength of the concrete will not be impaired by increased retardation. The effects of overdosing will be further increased if sulphate resisting cement or cement replacement materials are used.

Storage & shelf life

POLY CRETE WP has a shelf life of 12 months if stored in normal temperature and closed shaded dry area in undamaged original packing.

Technical support

For any technical support, please consult **polycoo** office or representatives.

Health & safety

See separate safety data sheet or contact **polycoo** for more details.

Guarantee / Warranty

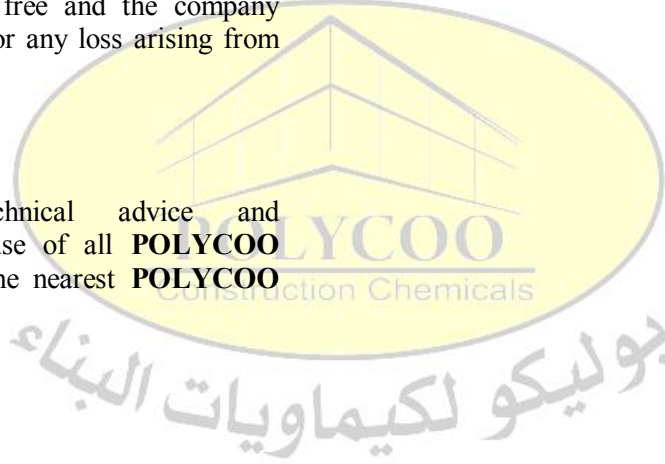
We warrant our products to be of good quality and manufactured to rigid standards. This warranty is in lieu of any and all other warranties expressed or implied.

This data sheet is published for information only. It is believed to be correct but no liability is accepted for it or the suitability of the product for any particular purpose.

POLYCOO services are free and the company does not accept liability for any loss arising from it.

Technical Services

For any further technical advice and recommendation for the use of all **POLYCOO** products, please consult the nearest **POLYCOO** technical office.



Under technical collaboration with

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