



Conplast MCP335

Silicafume Gel based on polycarboxylate technology

Uses

Application of this product will increase the compressive strength, reduce water absorption and permeability of concrete and thus increase the durability of concrete in the long term. The consumption of Conplast MCP335 is equivalent to the simultaneous use of the superplasticiser material of the new generation and microsilica. It has been developed for use in :

- Coastal structures.
- Water reservoirs.
- Concrete pavements.
- High strength concrete.
- To improve concrete durability.

Advantages

- Easily use in compare with silicafume in powder form.
- Reducing water/cement ratio causes increased early and high compressive strength and reduced permeability of concrete by use of silicafume gel.
- Reduces permeability brings more durable concrete against corrosive conditions .
- Due to the low special gravity of microsilica powder in bulk mode, carrying the silicafume gel is economical.
- Increase concrete efficiency and direct impact on reduction of slump retention loss.
- Due to increased compressive strength and reduced permeability, the concrete containing this silicafume gel is highly resistant to penetration of corrosive and potential damages.

Technical support

Fosroc provides a technical advisory service for on-site assistance and advice on mix design, admixture selection, evaluation trials and dispensing equipment.

Dosage

The optimum dosage of conplast MCP335 to meet specific requirements such as increasing strength and reducing permeability of concrete , always determined by trial mixes.

For high strength , water reduced concrete, the normal dosage range is from 1 to 4 percent of cement content weight.

Properties

Appearance : Grey coloured paste

Specific gravity : 1380 kg/m³ @ 22^oC
(BSEN 934-2)

Water soluble chloride : Nil
(BSEN 934-2)

Instruction for use

Dispensing

The correct quantity of Conplast MCP335 should be measured by means of suitable dispenser in site. Normally, silicafume gel should then be added directly to truck. best results achieved while first Conplast MCP335 premixed with water of mix design prior to add to the concrete mix.

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Compatibility

Conplast MCP335 is compatible with other Fosroc admixtures used in the same concrete mix .All admixtures should be added separately and must not be premixed together prior to addition. for more information please contact Fosroc local office.

Curing

Use "Concure"* range products or polythene sheets and wet hessian for curing .

Estimating

Packing

Conplast MCP335 is available in 25 Kg plastic pack.

Storage

Conplast MCP335 has a minimum shelf life of 6 months provided if it has been kept within the original pack and the range of 5 °C to 35 °C of temperature.

Should the temperature fall or rise outside this range , contact Fosroc local office for advice.

Precautions

Health and safety

Conplast MCP335 does not fall into the hazard classifications of current regulations. however , it should not be swallowed or allowed to come into contact with skin and eyes. Splashes on the skin should be removed with water. in case of contact with eyes rinse immediately with plenty of water and seek medical advice.

Fire

Conplast MCP335 is water based and non-flammable product.



Important note

Fosroc products are guaranteed against defective materials and manufacture and are sold subject to its standard Conditions for the Supply of Goods and Service.

Fars Iran Limited

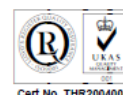
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