MasterLife WP 330

Combination crystalline and hydrophobic pore-blocking waterproofing admixture

Material Description

MasterLife WP 330 admixture is liquid waterproofing admixture for concrete, combining both integral crystalline capillary and hydrophobic pore-blocking functions. It is designed for use in above and below grade applications.

Areas of Application

- Sewage and water treatment plants
- Liquid retaining structures
- Water reservoirs and tanks for potable water
- Swimming pools
- Foundations, basements, lift pits, podiums, balconies and roofs
- Parking structures
- Precast, pre-stressed and post-tensioned concrete
- Culverts
- Blockfill
- Tunnel and subway systems
- Shotcrete
- Concrete subjected to wet, harsh and aggressive environments

Characteristics and Benefits

- Reduces concrete permeability – optimises durability of concrete
- Reduces penetration of water and other liquids
- Allows concrete to breathe
- Can help to seal hairline cracks
- Resists positive and negative side hydrostatic pressure
- Protects against sewage and industrial wastes

Properties

Appearance	Clear to opaque
Relative Density	1.050 ± 0.015
pH	11.0 ± 1.0
Chloride Content	No added chlorides

Dosage

The recommended dosage range for MasterLife WP 330 admixture is 4.0 to 10.0 litres per cubic metre of concrete. The optimum dosage to meet project requirements must be determined through trial mixes.

Application

MasterLife WP 330 is a liquid admixture to be added to the truck mixer after all other constituents have been mixed. Provide at least 5 minutes of agitating after the addition of MasterLife WP 330 admixture to ensure thorough and uniform distribution of the admixture in the concrete mixture.

Compatability

MasterLife WP 330 is compatible with all Master Builders Solutions water-reducers, mid-range water-reducers, high-range water-reducers, set retarders, and accelerators.

Corrosivity

Non-chloride, non-corrosive: MasterLife WP 330 admixture will neither initiate nor promote corrosion of reinforcing or pre-stressing steel embedded in concrete or of galvanized steel floor and roof systems. Neither calcium chloride nor other chloride-based ingredients are used in the manufacture of MasterLife WP 330 admixture.

Packaging

MasterLife WP 330 is available in bulk, 1000 litre IBC's and 20 litre cubes.

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Storage & Shelf Life

Keep only in the original container in a cool, dry, well-ventilated place away from ignition sources, heat or flame. Protect from direct sunlight. Protect from temperatures below 5 °C. The packed product is destroyed at low temperatures or by frost. Protect from temperatures above 45 °C. The packed product will be damaged by high temperatures.
MasterLife WP 330 has a shelf life of 12 months.

Precautions

For the full health and safety hazard information and how to safely handle and use this product, make sure that you obtain a copy of the Safety Data Sheet (SDS) from our office or website.

Disclaimer

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