

MasterLife[®] WP 730

Hydrophobic pore-blocking ingredient for watertight concrete

DESCRIPTION

MasterLife WP 730 is a hydrophobic pore-blocking ingredient (H.P.I) for concrete. It significantly reduces water absorption of concrete

MasterLife WP 730 is a chloride free organic admixture and supplied as a brown liquid. It reacts with the cement hydration process to form a hydrophobic ingredient to reduce the capillary suction and prevent the ingress of potentially deleterious soluble material, resulting in concrete with enhanced durability.

RECOMMENDED FOR

MasterLife WP 730 is suitable for any concrete structure, which requires watertightness, such as:

- Basement walls and floors
- Tunnels/underpass
- Foundations, piles and pile caps
- Water retaining structures, swimming pool, water tanks, reservoirs, water towers
- Pond drainage, manholes
- Reinforced concrete in marine environment subject to tidal and wet/dry cycling
- Waste water treatment and desalination plant

FEATURES AND BENEFITS

- **Very low water absorption** – increased durability and water tightness
- **Integral System** – Protection is maintained throughout the concrete matrix
- **Ammonia free** – Environment friendly. Fully compatible with certain surface coating and finishes.

APPLICATION

Dispensing

MasterLife WP 730 should be added separately to the initial batching water to ensure complete distribution throughout the mix. Use only drinkable water- do not use seawater bore water or water containing a high dissolved mineral content, for mixing concrete.

Curing

Like all cementitious product, concrete made with **MasterLife WP 730** must be protected against rapid drying due to high temperature and/or strong wind.

The use of wet burlap, plastic sheets or a curing compound is highly recommended.

DOSAGE

The optimum dosage for **MasterLife WP 730** to meet a specific requirement should always be determined by trial mixes.

Recommended dosage rate is 1.5 to 2.0 litres per 100 kg of cement. Other dosages may also be used depending on the specific requirements.

Please consult your local Master Builders Solutions field representative for assistance in determining the dosage.

PACKAGING

MasterLife WP 730 is available in 210 litre drums

SHELF LIFE

MasterLife WP 730 can be kept for 12 months from date of manufacture if stored in well protected area away from sunlight, at ambient temperature in dry conditions.

PRECAUTIONS

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

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