



The Chemical Company

RHEOMAC[®] 730

Hydrophobic pore-blocking ingredient for watertight concrete

DESCRIPTION

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

RHEOMAC 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

RHEOMAC 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
- Land 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

RHEOMAC 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 of content, for mixing concrete.

Curing

Like all cementitious product, concrete made with **RHEOMAC 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 **RHEOMAC 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.

Consult local BASF Construction Chemicals field representative for assistance in determining dosage.

PACKAGING

RHEOMAC 730 is available in 210 litre drums.

SHELF LIFE

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

PRECAUTIONS

For Health, Safety and Environmental recommendations, please consult and follow all instructions on the product Material Safety Data Sheet.

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STATEMENT OF RESPONSIBILITY

The technical information and application advice given in this **BASF Construction Chemicals** publication are based on the present state of our best scientific and practical knowledge. As the information herein is of a general nature, no assumption can be made as to a product's suitability for a particular use or application and no warranty as to its accuracy, reliability or completeness either expressed or implied is given other than those required by law. The user is responsible for checking the suitability of products for their intended use.

NOTE

Field service where provided does not constitute supervisory responsibility. Suggestions made by **BASF Construction Chemicals** either orally or in writing may be followed, modified or rejected by the owner, engineer or contractor since they, and not **BASF Construction Chemicals**, are responsible for carrying out procedures appropriate to a specific application.

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