

POLYMIX WP 40

Waterproofing Powder Admixture

DESCRIPTION

Polymix WP 40 is a specially formulated admixture, which due to its pore sealing and penetrative properties, enhances the water resistance capabilities of the concrete and further more imparts some plasticising action, effecting a reduction of water content and thereby offering better workability at lower water cement ratio.

USES

Polymix WP 40 is widely used in concreting of structures which is designed to contain or resist water like tanks, swimming pools, basements etc. It also finds its best use in the manufacture of reconstituted stone and similar cast concrete units where low water content mixes are employed.

ADVANTAGES

- Improved water resistance
- Enhanced workability with same water content
- Free of chlorides
- Ease of use
- Low toxicity

APPLICATION

Polymix WP 40 is initially dry mixed with the quantity of cement which needs to be added generally at a rate of 0.5kg per 50 kg bag of cement, for high performance concrete we suggest the dosage at a rate of 1 kg per 50 kg bag of cement. Polymix WP imparts strength and waterproofing ability to concrete mainly by lowering the water cement ratio and therefore care should be taken not to add excess quantity of water.

DOSAGE RATIO

Structure exposed to water pressure

Cement : Sand : Coarse aggregate -
Ratio is 1:1:3 or 1:2:4

Renders

Cement : Sand - Ratio is 1 : 4

PACKAGING

1 kg bags

TECHNICAL DATA

Appearance : white powder

Chloride ion content : < 0.01 %

Enhancement of water resistance : 82%

DISPOSAL

Disposal of the material in failure to use should be done in accordance with local authorities way of disposal of cement based products. Disposal in damp areas will result in lump formation. Do not dispose through drains and or waste pipes.

HEALTH AND SAFETY

As with all construction chemical products, caution should be exercised. Protective clothing should be worn. Treat splashes to eyes with plenty of fresh water. Should any of product be accidentally swallowed, do not induce vomiting, call of immediate help.



Manufactured in G.C.C.

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