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ADI-CON™ CW PLUS

Waterproofing Admixture for Concrete

DESCRIPTION

ADI-CON CW PLUS is a dry, free-flowing powder containing a blend of inorganic and organic chemicals, a small amount of sand, and silica-based materials. The chemically-active materials react with lime generated by the hydration reaction of cement and plug the capillary porosity, making concrete watertight under water-head pressure.

ADI-CON CW PLUS is an integral waterproofing admixture for Portland cement-based concrete and mortars

USES

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FEATURES/BENEFITS

- Chloride-free.
- Provides integral waterproofing.
- Increases chemical resistance.
- Minimal effect on setting times.
- Simple to use.
- Dry powder.
- Economical.

PACKAGING

44 lb. (20 kg) bags

Also available in water-soluble 22 lb. (10 kg) bags for adding directly into concrete mixing trucks.

SHELF LIFE

ADI-CON CW PLUS stored in a dry environment at temperatures above 40° F (4° C) has a shelf life of one year.

TECHNICAL DATA

Chemical Nature	Blend of organic and inorganic chemicals
Physical Form	Free flowing, gray powder
Bulk Density (g/cm ³)	Approx. 1.4 g/cm ³
Water Pressure Resistance	131 - 460' depending on dosage and concrete mix design
VOC Content	0 g/L

APPLICATION

Dosage ... ADI-CON CW PLUS is used in quantities varying from 0.8 - 2% by the weight of cementitious material in the mix.

ADI-CON CW PLUS is mixed with concrete or mortar at the time of batching. The procedure for adding the admixture will vary according to the type of batch plant operation and equipment. Please contact W. R. MEADOWS for additional information regarding procedures in various batch plant operations. It is important to obtain a homogenous mixture of ADI-CON CW PLUS with the concrete or mortar. Do not add ADI-CON CW PLUS powder directly to wet concrete or mortar as it may cause clumping, without a uniform dispersion of the admixture in the mix.

PRECAUTIONS

ADI-CON CW PLUS is a reactive material. It may either accelerate or retard the setting characteristics of concrete or mortar depending on the specific cement chemistry, water/cement ratio, and temperature. Therefore, it is necessary to evaluate the setting characteristics of specific concrete or mortar mix design prior to use. The required dosage will depend upon the application. It is the responsibility of the user to check with W. R. MEADOWS as to the suitability of this admixture in a given application. Contact the manufacturer for information regarding air-entrainment of concrete containing ADI-CON CW PLUS admixture.

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LIMITED WARRANTY

W. R. MEADOWS, INC. warrants at the time and place we make shipment, our material will be of good quality and will conform with our published specifications in force on the date of acceptance of the order. Read complete warranty. Copy furnished upon request.

Disclaimer

The information contained herein is included for illustrative purposes only, and to the best of our knowledge, is accurate and reliable. W. R. MEADOWS, INC. cannot however under any circumstances make any guarantee of results or assume any obligation or liability in connection with the use of this information. As W. R. MEADOWS, INC. has no control over the use to which others may put its product, it is recommended that the products be tested to determine if suitable for specific application and/or our information is valid in a particular circumstance. Responsibility remains with the architect or engineer, contractor and owner for the design, application and proper installation of each product. Specifier and user shall determine the suitability of products for specific application and assume all responsibilities in connection therewith.