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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 reactive materials react with lime generated by the hydration reaction of cement and plug the capillary porosity, making concrete watertight under water-head pressure.

USES

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

FEATURES/BENEFITS

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

PACKAGING

ADI-CON CW PLUS is supplied in 50 lb. bags. Also available in water-soluble 22 lb. 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, grey 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

Follow Gemite's most recent application procedures and details to assure quality installation and application procedures with Gemite's technical service.

Dosage ... ADI-CON CW PLUS is used in quantities varying from 0.8 - 1.5% 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.

CONTINUED ON REVERSE SIDE...

LEED INFORMATION

May help contribute to LEED credits:

- MRc9: Construction and Demolition Waste Management

ADI-CON CW PLUS is manufactured by:

Gemite® Products, Inc.
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For most recent data sheet, further LEED information, and MSDS, visit www.wrmeadows.com.

LIMITED WARRANTY

Gemite Products 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

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