



CONCURE ADMIX

INTEGRAL PERMANENT WATERPROOFING

Technical Data Sheet

DESCRIPTION

Concure Admix is a liquid, water-based, waterproofing additive used to replace externally applied treatments for protecting concrete structures against moisture transmission. Concure Admix is added to the concrete mix at the batch plant or added on site. Concure Admix becomes an integral and permanent part of the concrete slab.

ADVANTAGES

- ❖ Improves freeze/thaw resistance
- ❖ Keeps concrete from dusting
- ❖ Inhibits rusting of metal reinforcing bar
- ❖ Offers faster finishing time
- ❖ Reduces shrinkage cracks
- ❖ Maintains good flexibility at low slump
- ❖ Prevents capillary action
- ❖ Stops water, salt and alkali intrusion
- ❖ Resistant to chemical and acid-attack
- ❖ Helps reduce radon gas
- ❖ Can be used in stained and colored concrete
- ❖ Reduces Alkali-Silica-Reactivity (ASR)
- ❖ Compatible with adhesives coatings and paints

APPLICATIONS

Concure Admix eliminates moisture problems, increases strength, and reduce curling and hairline cracks. Concure Admix accelerates the concrete curing process to allow floor covering more quickly.

TECHNICAL

Concure Admix is environmentally safe and contains no VOC.

Appearance: Colorless

Odor: None

Toxicity: None

Flammability: None

Shelf Life: Indefinite

Weight: 9 lbs. 2 oz. / gallon

Storage Temperature: Above 450F (80C)

Solvent: Water

Hazardous Vapor: None

Membrane Type: CSH

Installation: All Grade Levels

ASTM	METHOD	RESULTS
E96	Vapor Permeability	2.16 Perms 65 Percent Reduction
D5084	Hydrostatic Permeability	1.04 X 10 ⁻⁸ cm/sec
C1567	Alkali-Silica Reactivity	-0.010 Percent (Control +0.024%)
C39	Compressive Strength	119 Percent of Control
C78	Flexural Strength	110 Percent of Control
C157	Drying Shrinkage	20 Percent Reduction
F1869	Calcium Chloride - 14 Days	3.53 pounds/1000 ft ² /24 hrs.



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LIMITATIONS

A Concure representative should be present at the jobsite during mixing and placement of the first batch of treated concrete.

Use non-chloride additives such as accelerators, plasticizers and water reducers with Concure Admix. Retarders may be used when ambient temperatures exceed 75°F (24°C).

Use Concure Admix in place of a portion of the mix water. A water-to-cement ratio (w/c) of .45 or less is critical to performance. Plasticizer and/or water reducing admixtures are recommended to achieve greater than 4" (100 mm) slump.

Store above 45°F (8°C), do not allow freezing. Separation may occur at temperatures less than 45°F (8°C) and thorough agitation will be required.

PACKAGING

275 Gallon Totes
55 Gallon Drums
5 Gallon Pails

PRECAUTIONS

Avoid using paraffin or petroleum based curing agents as they need to be mechanically removed, substrate skim coated prior to installations.

NOTE: Concure Admix & DermaShield are compatible with all finished floor coverings and coatings

Concure Systems recommends following established ACI / Resilient Flooring Institute guidelines for curing. Complete installation recommendations are available from the flooring manufacturer

A representative of Concure Systems can be present, upon request, at the Batch/Jobsite during dosing/mixing and placement for the initial major concrete placement. If additives are required or needed, use non-chloride products. Retarders can be used when weather conditions require a retarder to be used (i.e. - high temp, high humidity).

MIXING AND APPLICATION

Concure Admix is added at the batch plant or at the job site at a rate of 14 ounces (397g) per 100 pounds of cement plus any other binder. Additional dosage may be required for greater high early strength benefits.

TRUCK OR PLANT MIXING:

The dosage accuracy of any admixture should be within plus or minus 3%. Two or more admixtures may be used in the same concrete batch, provided admixtures are added separately and that the combination has no deleterious effect on the concrete. After Concure Admix addition, rotate drum for 7 minutes, RAPID MIXING, before dispensing concrete.

ON-SITE MIXING:

Add the Concure Admix to the concrete truck and let drum rotate for 7 minutes, RAPID MIXING, before dispensing concrete.

LIMITED WARRANTIES

Extended Warranties are available. Written extended warranties are available on a per job basis. If an extended warranty is required, the following items must be supplied to Concure Systems –

D-Scope meeting should be scheduled prior to the pour to discuss the following –

1. Mix Design
2. Batch Plant quality control testing
3. Concrete Contractor participation in finishing and curing
4. Submission of all materials to be used on sealed concrete surface
5. GC acknowledgements

DISCLAIMER:

To the best of our knowledge the technical data contained herein is true and accurate on the date of publication and is subject to substitution due to supply change shortages without prior notice. Please contact The Concure Group to confirm most up to date product information.