



Poly 686 Dry Polymer Product Sheet

Description

A redispersible, vinyl acetate-ethylene copolymer powder

Application

Suggested for use as polymer modifier for hydraulic cement mixtures, in particular for:

- Self-leveling floor formulations
- Pre-packaged ceramic tile adhesives and grouts
- Pre-packaged mortar repair kits
- Pre-packaged overlay cement mixtures

Features

In a proper mix design, the addition of Poly 686 to hydraulic cement mixes provides the following advantages:

- Pre-mixing of polymer, cement, and aggregates only requiring the addition of water at the job site.
- Increased adhesion to non-plastic and non-dusty surfaces
- Wet curing is not required
- Increased flexural strength
- Increased abrasion resistance
- Increased resistance to freezing and thawing
- Does not require addition of an antifoam
- Good long term shelf stability
- Reduced water/cement ratio

Properties

- Appearance- White free flowing powder
- Volatile Content, maximum %- 2.0
- Ash Content, %- 8.0-12.0
- Residual Vinyl Acetate Content, %- <0.2
- Density, g/ml, minimum- 0.340
U.S. lb.gal, minimum- 2.8
- Glass Transition Temperature, C +20

Storage

Store in a dry place where the temperature does not exceed 32 degrees C (90 degrees F) Ideal storage conditions are in a sealed water tight container at 22 degrees C (72 degrees F) and at a relative humidity of less than 50%. Do not store this material unused for more than six months, and do not store more than six bags high.

Typical Properties

Flow from 2" W x 1"H cylinder	6 ¼"	
Compressive Strength	24hr	983 psi
	7 days	2,350 psi
	28 days	4,250 psi

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TO ORDER CALL: 800-983-6993 • Fax: 702-252-3423 • www.concreteoverlaypolymer.com

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