

DEX-O-TEX

Product Description Sheet

High Strength Mortar

Cementitious Mortar
Typical Thickness 1/16" – 2"



Advanced Floor
and Waterproof
Systems since
1938

www.dexotex.com

10-20

Crossfield
Products Corp.

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128 Industrial Dr.
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DESCRIPTION

High Strength Mortar is a single component, polymer-modified, pre-blended cementitious mortar fortified with micro-fiber reinforcement and shrinkage-compensating additives to achieve exceptional physical properties with very low drying shrinkage.

WHERE TO USE

- Wet or dry applications
- Concrete surface repairs
- Wall rendering and floor sloping mortar
- Parking Garages, Runways, Industrial Floors, Streets, and other horizontal surfaces

ADVANTAGES

- Interior or exterior applications
- Excellent freeze thaw characteristics
- Where a quick return to service is necessary
- Over 2,000 psi is achieved in 4 hours
- Low water absorption and drying shrinkage
- Excellent compressive, flexural and tensile strengths
- Excellent resistance to deicing salts
- Meets requirements of ANSI A 108.1

PHYSICALS	METHOD	RESULTS	
Working Time		20 minutes	
Compressive Strength	ASTM C109	4 Hour	2,225 psi
		1 Day	3,175 psi
		7 Day	5,575 psi
		28 Day	6,125 psi
Tensile Strength	ASTM C109	7 Day	435 psi
		28 Day	585 psi
Flexural Strength	ASTM C348	7 Day	845 psi
		28 Day	1,400 psi
Shrinkage	ASTM C157	<.04%	
Adhesion	ACI 503.R	>290 psi	
Initial Set	ASTM C 191	31 min	
Final Set	ASTM C191	39 min	
Water Absorption	ASNSI A118.7	< 4%	
The above physical properties were measured in accordance with the referenced standards. Results may vary based upon statistical variations on mixing methods and equipment, application methods, environment, and actual site conditions and curing conditions. All sample preparation and testing are conducted in a laboratory environment and actual performance on job site may vary from these values based on actual site conditions.			

Installed by Factory Trained Dex-O-Tex Applicators Only

LIMITATIONS

- Concrete surface repair dimensions including overall length, width, depth and shape need careful consideration, and should be in conformance with ACI recommended standards of practice.
- Extension with coarse aggregates may alter the physical properties of *Dex-O-Tex High Strength Mortar* as published.
- Do not use solvent based curing compounds.
- As with all cement based materials, avoid direct contact with aluminum to prevent an adverse chemical reaction. Refer to *Dex-O-Tex VL Primer* for an appropriate primer.
- As a rapid repair material high temperatures can decrease the set and working times during application

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