

DEX-O-TEX

Product Description Sheet



Advanced Floor
and Waterproof
Systems since
1938

www.dexotex.com

11-20

Crossfield
Products Corp.

California
3000 E. Harcourt St.
Rancho Dominguez,
90221
(310) 886-9100

Texas
128 Industrial Dr.
Cibolo, 78108
(210) 888-0449

New Jersey
140 Valley Rd.
Roselle Park, 07204
(908) 245-2800

Chem-Rez N

Novolac Epoxy
Typical Thickness 3/16" to 1/4"

DESCRIPTION

Chem-Rez N is a seamless chemical and heat resistant novolac epoxy flooring system.

WHERE TO USE

- Chemical solvent storage
- Secondary containment
- Battery Storage
- Trenches
- Maintenance Facilities
- Aviation
- Wastewater treatment

ADVANTAGES

- Monolithic
- Excellent heat resistance
- Abrasion resistance
- Rapidly Applied over a wide range of new and existing surfaces
- Chemical Resistance (see Chemical Resistance Chart)
- Installed only by Professional Factory Trained Dex-O-Tex Contractor

FINISH OPTIONS

See Standard Epoxy Color Chart L-334 [click here](#) or available at www.dexotex.com

PHYSICALS	METHOD	RESULTS
VOC in g/L		4 g / L
Compressive Strength	ASTM C579	10,000 psi
Compressive Strength	ASTM D695	12,000 psi
Tensile Strength	ASTM C307	1,500 psi
Tensile Strength	ASTM D638	4,400 psi
Flexural Strength	ASTM C580	4,000 psi
Bond Strength	ASTM C580	100% concrete failure
Abrasion Resistance	ASTM D4060	0.04 gr
Water Absorption	MIL-D-3134	<1.0%
Surface Hardness	ASTM D2240 Shore D	80-85
Microbial Resistance	ASTM G21	Passes Rating 1
Flammability	ASTM D635	Self extinguishing bonded to concrete

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

CARE AND MAINTENANCE

See care and maintenance form, [click here](#), or available at www.dexotex.com

CHEMICAL RESISTANCE

See chemical resistance chart, [click here](#), or available at www.dexotex.com

LIMITATIONS

- Due to the fact that the material is “self-leveling” it cannot be installed where sub-surfaces are abruptly sloped (i.e. ramps, etc.)
- A waterproofing and crack isolation membrane can be installed prior to system application.
- Moisture vapor emission rates (MVER) in excess of 3 lbs/1000 sq/ft/per 24 hr period per ASTM F1869, or an rh in excess of 78% per ASTM F2170 may result in delamination, discoloration or improper curing without proper treatment prior to installation of the flooring system. Consult with Crossfield Products Corp. for specific recommendations.
- excess of 55F (130C), during application and 24 hours after application. If sub-surface cracks move due to continued thermal flexing or building settlement, Chem-Rez N may reflect those cracks to some degree.
- Vapor control primers, sloping, smoothing or leveling compounds, crack repair or isolation, waterproof membranes or other supplementary items may be required for proper installation at an additional cost. Consult with Crossfield Products Corp. for specific recommendations.

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