

DEX-O-TEX

Product Description Sheet

A-81

Smooth, Sloping, and Resurfacing Underlayment
Typical Thickness Feather Edge – 2"



Advanced Floor
and Waterproof
Systems since
1938

www.dexotex.com

12/20

DESCRIPTION

A-81 Underlayment is a polymer modified pre-packaged cementitious sloping, leveling and patching compound for structural or lightweight concrete or lath-reinforced plywood.

WHERE TO USE

A-81 Underlayment can be applied to any thickness from near featheredge upwards to the required thickness. It can be used on interior or exterior surfaces, including those exposed to freeze thaw.

It is designed for use beneath Dex-O-Tex surfacing material or as a sloping, smoothing, patching and resurfacing material. A-81 can be used as a smoothing underlayment prior to placement of carpet, resilient or ceramic tiles, rubber, vinyl or wood flooring and resinous floors. It is totally VOC compliant and contains no organic solvents. It is non-toxic and has only a slight odor during placement and cure.

ADVANTAGES

- Superior adhesion
- Low permeability, yet breathable
- Interior and exterior use
- Recommended for use with Dex-O-Tex floors and decks
- Excellent freeze-thaw resistance
- Similar expansion-contraction as concrete

PHYSICALS	METHOD	RESULTS
VOC in g/L	40 CFR 60, Appendix A-7, method 24	0 g/L
Compressive Strength	ASTM C307	4,140 psi
Tensile Strength	ASTM C307	800 psi
Flexural Strength	ASTM C580	1,200 psi
Hardness	ASTM D2240, Shore D	70-75
Water Absorption	Mil-D-3134	3.14%

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.

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Products Corp.

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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

- Minimum ambient and surface temperatures should be 45°F (7°C) at time of placement and cure. Do not allow product to freeze prior to cure.
- If applied in direct hot sun or high winds, cover with curing blankets to minimize or prevent surface checking.
- A waterproofing and crack isolation membrane can be installed prior to system applications.
- Moisture vapor emission rates (MVER) in excess of 3.0lbs/1000 sq./ft/per 24hr. period per ASTM F1869, or an RH in excess of 75% 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.
- VaporControl 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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