



TECHNICAL DATA

DEXCELENT

ENVIRONMENTALLY SAFE, ACRYLIC-FIBERGLASS WATERPROOFING SYSTEM

1. MANUFACTURER

URETHANE POLYMERS INTERNATIONAL, INC.
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2. PRODUCT DESCRIPTION

DEXCELENT is an acrylic polymer, single-component, fiberglass reinforced, waterproofing membrane system

3. BASIC USES

DEXCELENT is specifically designed to provide a waterproof wearing surface for exterior and interior pedestrian traffic areas, such as walking decks, balconies, patios, stairways and pool areas. Concrete is a suitable substrate that provides excellent adhesion. Dexcelent provides durable protection with ultraviolet light stability and allows easy maintenance of the membrane.

4. TECHNICAL DATA

PROPERTY	TYPICAL VALUE	TEST METHOD
Tensile Strength	2855 PSI	D-2707
Bond Strength – Concrete	24 PSI	C-297
Impact Test	No cracking	D-3320
Spread of Flame- Non-Combustible	Class A 3 Ft.	E-108-82
Percolation Test	0.08 Perms	
Water Transmission	22.6/mx24hr	E-96
Abrasion Resistance	2.8%	D-1242

5. LIMITATIONS:

- Not for areas intended for vehicular traffic
- Do not apply in constantly submerged conditions such as reflecting ponds or tank linings.
- Do not apply over non-structural lightweight concrete with prior written approval.

6. GRADE:

The Dexcelent Pedestrian Traffic Membrane System includes a base coat (Dexcelent Base Coat), a texture coat, and topcoat (Dexcelent Top Coat) and a Patching Compound. All resins are suitable for horizontal use. A non-woven fiberglass mat offers excellent strength and durability, yet allows penetration of the base coat resin to ensure complete adhesion.

An alternate texture coat of Dexcelcrete Gray and Dexcelcrete Liquid Adhesive may be used for increased skid resistance and durability. Dexcelent retarder may be added to extend working time of this texture application.

7. PACKAGING:

Dexcelent Base Coat, Dexcelent Texture Coat and Dexcelent Final Coat are available in 1-gallon and 5-gallon containers (U.S. gallon measures). Primers, fiberglass mat and Patching Compound are sold separately in various sizes and quantities.

Alternate texture using, Dexcelcrete Gray is packaged in 50 lb. bags. Dexcelcrete Liquid Adhesive is available in 1-gallon and 5-gallon containers. Dexcelent Retarder is available in pre-measured packets.

8. SHELF LIFE:

Twelve months from shipping date, stored below 80°F. Do not allow resin to freeze.

9. COLORS:

Dexcelent Texture Coat is available in Gunmetal, Spanish Brown and Tumbleweed. Dexcelent Final Coat is available in 20 colors different contemporary colors, with the option of two-tone color textures with clear seal coats.

10. APPLICABLE STANDARDS:

Meets the requirements of ASTM E-108-82 for a "CLASS A" Fire Retardant Roof over a non-combustible substrate.

11. JOB CONDITIONS:

Before any waterproofing work is started, the waterproofing applicator shall thoroughly examine all surfaces for any deficiencies. Should any deficiencies exist, the Architect, Owner or General Contractor shall be notified in writing and any corrections necessary shall be made.

Cold or inclement weather will affect the cure time of all Dexcelent products. Do not install over wet substrate, in the rain or if the threat of rain exists within 24 hours.

12. INSTALLATION:

Refer to Dexcelent Pedestrian Traffic Membrane Application Guide for detailed instruction of the application procedure.

13. STORAGE AND HANDLING

Store Dexcelent in a cool, dry area and protect from freezing. It may be necessary to stir Dexcelent before using. Containers should be separated according to batch numbers to ensure color uniformity. When changing from one batch to another, blend on container from each batch together to ensure a smooth transition. Partial containers can be resealed. Should a top skin develop on the remaining contents of a container, the physical properties and effectiveness of the contents will not be impaired. Clean mixing and application tools with water. Dispose of empty containers properly according to current Local, State and Federal regulations.

14. HEALTH AND HAZARD INFORMATION:

Use Dexcelent products with adequate ventilation and personal protection. Users must read container label and Safety Data Sheet (SDS) for specific health and safety precautions prior to use.

15. AVAILABILITY:

Immediately available from Urethane Polymers International Inc. and authorized distributors.

16. COST:

Cost data is available from your local UPI authorized representative. For the name and number of the nearest local representative, call Urethane Polymers International, Inc. at (800) 560-0230.

17. REPAIRS AND MAINTENANCE

If damage or excessive wear occurs, simple repairs using the same product can be accomplished. Contact UPI for specific information regarding long-term maintenance. Cleaning can be accomplished by scrubbing with normal detergent soap and water.

18. PRODUCT GUARANTEE/WARRANTY

Urethane Polymers International, Inc. (UPI) warrants this product to be free of defects in workmanship and materials only at the time of shipment from our factory. If any UPI materials prove to contain manufacturing defects that substantially affect their performance, UPI will, at its option, replace the materials or refund its purchase price.

This limited warranty is the only warranty extended by UPI with respect to its materials. There are no other warranties, including the implied warranties of merchantability and fitness for a particular purpose. UPI specifically disclaims liability for any incidental, consequential, or other damages, including but not limited to, loss of profits or damages to a structure or its contents, arising under any theory of law whatsoever.

The dollar value of UPI's liability and buyer's remedy under this limited warranty shall not exceed the purchase price of the UPI material in question.

19. TECHNICAL SERVICES

UPI maintains a factory-based technical service department to consult on any project. Information on independent regional sales representatives or distributors which may be available in your area can be obtained by contacting our technical service department.

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