



Wisershield™ Air Barrier 1135

DESCRIPTION

The **Wisershield™ Air Barrier 1135**, is a water-based white polyurethane, fluid applied, seamless elastomeric waterproofing membranes having exceptional bulk water resistance while allowing suitable water vapor transmission.

BASIC USES

Wisershield™ Air Barrier 1135 is used as a brush, roller or spray applied seamless membrane over virtually any substrate to restore, protect and waterproof.

MAJOR ADVANTAGES

- Water-based, non-toxic, low odor and non-flammable.
- Ultra-violet resistant with low temperature flexibility.
- No peeling fading or cracking.
- Elastomeric - expands and contracts with temperature fluctuations.
- Bonds tenaciously to Bituminous and Asphaltic Coatings, Urethane and Polystyrene Foam, Concrete, Steel, and Wood.
- Safe easy application, water clean-up.

TECHNICAL AND PRODUCT DATA

Solids by volume	51%	No. of Components	One
Viscosity		Flash Point	None
Initial	90 Krebs		
4 weeks	92 Krebs		
Dry time to:			
touch	2 to 3 hours	Reducer/Cleaner	Water
re-coat	4 to 8 hours		
full cure	24 hours per coat	Shelf Life	1 year unopened
Tensile strength	170 psi (1.2 MPa)	Weight/L	1.45 kg/L(12.1 lbs/gal)
Elongation at:		Application Temperature	Min. 5°C(40°F)
maximum stress	225%		
at break	330%		
Recover after:			
25% elongation	60%		
Flexibility at:		Recommended	
-15°F(-26°F)	pass 180 1/8"	Mandrel Bend	Min 20 mil DFT
-300 hours			
weatherometer	pass 180 1/8"	Mandrel Bend	Min 20 Mil DFT
-1-year exterior	pass 180 1/8"	Mandrel Bend	Min 20 Mil DFT
Crack bridging at:			
-104°F(40°C)	No cracking		
-Minus 15°F (-26°C)	No cracking	Colors	White
Adhesion to Polyurethane			
Foam	dry 4.8 lb./in	Dirt pick-up resistant	Excellent
	Cohesive failure	Ultra-Violet resistant	Excellent
Air Permeability @ 75Pa	0.0020 cfm/ft ²	Thermal shock resistant	Excellent

DO NOT ALLOW TO FREEZE

Packaging

20L Pails
200L Drums
1,000L Totes**APPLICATION INSTRUCTIONS**

Refer to manufacturer's Application Procedures and Specifications for each specific substrate for detailed application instructions. Correct surface preparation is of the utmost importance. All surfaces must be sound, dry, clean, and free of oil, grease, or any other contaminants. Obvious damaged areas must be repaired before application of coatings. **WiserShield™ Air Barrier 1135** will withstand ponding water for up to 30 days.

EXTERIOR WALLS

SURFACE PREPARATION: If existing coating is well bonded but chalking, apply one coat of **WiserShield™ Air Barrier 1135** at the maximum rate of 75ft²/L (300 ft²/gal).

WiserShield™ Air Barrier 1135: Brush, roll (heavy nap), or airless spray one coat at a rate of 25ft²/L (60 ft²/gal). Allow to dry for a minimum of 4 hours. If second coat is specified, or surface is porous, apply second coat of **WiserShield™ Air Barrier 1135** at a maximum rate of 25ft²/L (100 ft²/gal).

Parapets: All parapets should be treated exactly like the walls. All cracks to be repaired first, followed by the primer coat and then the wall coat. Ensure the entire cap area is encapsulated with the **WiserShield™ Air Barrier 1135** at a maximum rate of 25ft² per liter (100 sf/gal).

IMPORTANT - Do not apply the **WiserShield™ Air Barrier 1135** coatings under the following conditions;

- In temperatures below 4°C(40°F)
- If the temperature will drop below 0°C(32°F) in the next 12 hours
- If rain is imminent
- If dew will settle on coatings before they are dry

SAFETY

Please refer to SDS at crccoatings.com. If swallowed, see a physician immediately. Keep out of reach of children.

WARRANTY DISCLAIMER

The information herein is to assist customers in determining whether our products are suitable for their application. Our products are intended for sale to industrial and commercial customers. We request that customers inspect and test our products before use and satisfy themselves as to the contents and suitability. We warrant that our products will meet our written specifications. Nothing herein shall constitute a warranty expressed or implied, including any warranty of merchantability or fitness, nor is protection from any loss or patent to be inferred. The exclusive remedy for all proven claims is replacement of our materials and in no event shall we be liable for special, incidental or consequential damages.

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