

CLEARCOAT AQ™

High Performance Water-Based Urethane



DESCRIPTION

CLEARCOAT AQ is a single component, waterborne aliphatic urethane that produces a clear, tough, protective gloss coating. It has excellent adhesion properties and produces a film that is hard, flexible, and chemically resistant. CLEARCOAT AQ has excellent resistance to UV, abrasion, oxidation, humidity, impact and solvents.

OUTSTANDING FEATURES

- Adheres to most substrates, quickly and permanently
- Protects against wear, weather, and chemical attack
- Has low toxicity and meets all VOC regulations
- Saves time and labor; easy to handle
- Produces a film that is hard, flexible, and chemically resistant
- Is exceptionally tough, durable, and crack resistant

VARIOUS USES

- Protects surfaces in food preparation areas where incidental food contact may occur
- Creates an impermeable surface on insulated floors and walls in food storage areas to prevent moisture vapor and gas transmission
- Seals the surface of composite rubber flooring tiles

- Prevents gasoline damage to polystyrene buoyancy floats on docks and piers.
- Allows easier cleaning of surfaces in mushroom houses and germination trays.

APPLICATION

Substrate must be sound and free of loose debris, oil, grease, or any substance that could interfere with adhesion. Stir before use with low speed mixing—DO NOT ENTRAIN AIR DURING MIXING. Apply using brush or airless spray technique. Try to apply CLEARCOAT AQ evenly to avoid runs or voids. Apply in 1 or 2 coats at a rate of 3-5 wet mills per coat. Coverage will vary depending on substrate porosity. Allow to fully dry (approximately 2 to 7 hours, depending on weather conditions) before work continues.

LIMITATIONS

Do not apply to frozen substrates. Do not apply if the temperature falls below 40°F. Surface must remain at least 5°F above Dew Point during the application and curing process. Avoid applying product in direct sunlight on very hot days. Protect from precipitation for at least 4 hours after application. Shelf life is 18 months in sealed containers. Store indoors in temperatures between 40°F and 90°F.

MAINTENANCE

CLEARCOAT AQ can be cleaned with mild detergents and water. In the event of damage or loss of gloss due to abrasion, CLEARCOAT AQ may be reapplied directly over itself. Clean tools and equipment with water or soapy water before drying.

SPECIFICATIONS	
Coating Type	Waterborne aliphatic urethane
VOC	150 gms/liter
Pot Life	Not applicable (single component)
Shelf Life	1 year (unopened) from date of manufacture
Recommended Thickness	2 mils Dry Film Thickness (DFT)
Coverage	Approximately 200 to 300 square feet per gallon, depending upon substrate
Packaging	Available in 1 gallon and 5 gallon pails
Color	Clear

PRODUCT DATA

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PRECAUTIONS

Read the container label warning and Material Safety Data Sheet (MSDS) for important health and safety information prior to the use of this product.

Keep out of reach of children and pets.

For more information, call our Technical Department.

TECHNICAL DATA		
Moisture Vapor Transmission	0.1 Perms	ASTM E-96
pH	8.0	
Viscosity	500 cps	ASTM D-446
Density	8.8 lbs/gallon	ASTM D-1475
Tensile Strength	4,300 psi	ASTM D-412
Elongation	150%	ASTM D-412
Hardness	44 Sward	ASTM D-2134
Solids Content (B.W.)	66%	ASTM D-1044
Solids Content (B.V.)	67%	ASTM D-1044
Abrasion Resistance (Taber)	12 mg (CS-17)	ASTM D-4060

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