



Oak Ridge™

Chemical/Equipment



Friendly Foam
Earth friendly..User friendly!

OR AR-1

Description

OR AR-1 top coat is a versatile, multi-purpose aromatic single-component, moisture-cure liquid urethane coating designed for application as a top coat or for repair work on a variety of mature roof systems, including polyurethane foam, single ply, metal, and built up roofs.

Features & Benefits

OR AR-1 top coat provides a host of advantages. It is quick, easy to apply, and saves on labor costs. As a maintenance coating, it can be used to coat an entire roof system, to make spot repairs, or to provide additional protection when integrated with a reinforcement fabric.

ORAR-1 top coat provides exceptional resistance to chemicals, acids, oils, and other pollutants, all of which can affect and reduce the life of a roof system. ORAR-1 is a remarkably durable, high performance urethane coating that will protect and reduce the surface temperature of a roof, helping to reduce internal temperatures of buildings. ORAR-1 provides a cost-effective, cost-saving eco-friendly approach of extending the life of an existing roof system.

Colors - Call Coating Holdings LTD for custom colors

Typical Uses

ORAR-1 top coat can be applied to single ply, metal, polyurethane, BUR of modified roof systems either as part of a complete roof system or as part of a maintenance or repair program. All Oak Ridge™ products are to be used and applied with reference to and in conjunction with Oak Ridge's General Guidelines and Application Guide.

Technical Data

Packaging	1 gal. (3.79L) pail 5 gal. (19L) pail 55 gal. (208.10L) drum
Shelf life	1 yr. (unopened container)
Wet film Thickness @ 2 gal./100sq ft (.81 l/m ²)	31 mils
Volatile Organic Compounds, ASTM D-2369-81	230g/L
Viscosity at 77°F (25°C); 10 rpm	112 KU
Flash Point, ASTM D-93	110°F min. (43°C)
Tensile Strength, ASTM D-412	1550 psi
Elongation, ASTM D-412	365%
Tear Resistance, ASTM D-624	105 lbs./in.
Non-Volatile, ASTM D-75	Typically 83%

Tested results are typical values under laboratory conditions. Individual results may vary.

Directions for Use

MIXING: Remember to review all technical data sheets, system sheets, labels, instructions, MSDS, and Guide Specifications before mixing and applying. Mix 55 gallon drums and 5 gallon pails with a variable speed drill utilizing a jiffy mixer to suspend any settled pigments until a uniform color and consistency is achieved. Mixing time will vary based on temperature conditions.

APPLICATION: Prior to coating any surface, be sure the coating will adhere by performing an adhesion test (ASTM D 903). Coating may be applied by brush, roller or airless spray equipment. Do not apply when temperatures are below 40°F (4.4°C) or when precipitation is in the forecast within 48 hours. Spray application is not recommended below 50°F (10°C). In areas where the roof is subject to foot traffic, it is recommended to apply walkway pads for a granule surface.

Storage

Keep containers tightly closed. Store in protected areas away from direct sunlight and temperature variances. Ideal storage temperature range is 50°F to 85°F.

Safety

Remember to review the Material Safety Data Sheet (MSDS) and container labels for detailed health and safety information. This product is intended for industrial use by properly trained professional applicators only.

Call Coating Holdings LTD for technical questions. 800-625-9577

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Suppliers of High performance Foam/Coating and application Equipment

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