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CLEARLOK® EXT Acrylic Lacquer
Operating Instructions

PRODUCT DESCRIPTION

CLEARLOK® EXT is a solvent-based air dry acrylic lacquer designed as a clear protective film with excellent toughness and corrosion resistance. The primary use for CLEARLOK® EXT is spray on for exterior applications; however, it can also be used for interior applications as well. This product has UV and weather resistant characteristics that make for a quality topical treatment for signage, statuary, hardware and exterior lighting. It is supplied ready to use and doesn't require thinning.

CLEARLOK® EXT sealant can be used over all Birchwood Technologies® colored conversion coatings and has excellent adhesion on a variety of base materials. It can also be used on variety of other finishes such as phosphates, sulfides and oxides, as well as directly over all plated surfaces such as nickel or zinc. CLEARLOK® EXT provides a continuous film that seals out corrosion and enhances the wear resistance of the surface.

OPERATING CONDITIONS

Bath Makeup	Used as received
Operating Temperature	Use at room temperature.
Film Thickness	Wet: 2 – 3 mils, Dry: 0.5 – 1.0 mils.
Coverage	Approx. 132 square feet per gallon (@ 1mil).
Corrosion Resistance	100+ hours @ 100% humidity. 100+ hours salt spray resistance
Ultraviolet Protection	Excellent
Dry time	Touch: 6 minutes, Handle: 30 minutes, Package: Overnight or upon cooling if force air dried or baked.

COATING REMOVAL

The CLEARLOK® coating can be removed by blasting or sanding the surface.

PACKAGING

Quart, 1 and 5 gallon containers. Store indoors in closed container.

PROCEDURE

The CLEARLOK[®] EXT can be sprayed, dipped, and/or used in a centrifuge machine. No reduction is required for any method of application. Before applying, ensure base material has been cleaned, degreased and dried.

SPRAY: Use 40 – 50 PSI. Cover piece with one coat making sure not to produce misty or dry spray appearance. Allow to set-up for approximately sixty seconds, then make second pass.

DIP/CENTRIFUGE: Use similarly to any air-dry lacquer, remembering initial reduction is not necessary. The addition of thinner may be necessary to account for solvent loss due to evaporation.

CURING: Allow to air dry for at least 30 minutes before handling and overnight before packaging. The drying can be accelerated with an oven or forced air drying at 120 – 140°F for 10 – 30 minutes. Dense casting and like materials will require longer dry times. Package products after cooling.

PACKAGE LIFE

CLEARLOK[®] EXT is good for approximately one year from date of purchase when stored in recommended conditions.

Before Using This Product – Please Read, Understand and Follow all the Precautions shown on the Product Label and on the Safety Data Sheet. FOR INDUSTRIAL USE ONLY.

The Safety Data Sheet can be found on our website:

<https://www.birchwoodtechnologies.com/Downloads/Safety.html>

Use Appropriate Warning Labels on any Container used to Store or Apply this Product.

NOTE: The information contained herein is provided in good faith and is believed to be correct as of the date below. However, Birchwood Laboratories LLC makes no representation as to the comprehensiveness or accuracy of the information. It is expected that individuals receiving the information will exercise their independent judgment in determining its appropriateness for a particular purpose. Accordingly, Birchwood Laboratories LLC will not be responsible for damages of any kind resulting from the use of or reliance upon such information.

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