
SELECTION & SPECIFICATION DATA

Generic Type	One component, water reducible, phenolic modified alkyd coating.
Description	One component, water based, low VOC phenolic modified coating intended for use as an industrial topcoat.
Features	<ul style="list-style-type: none">• Low VOC• Easy one coat coverage• Resistant to spillage /splash of mild chemical• Flexible• Very fast dry
Color	Blue, Beige or per customer requirements
Finish	15-50° ASTM D523 @ 60° angle
Dry Film Thickness	1 - 1.5 mils (25 - 38 microns) single coat
Solids Content	By Volume 38% +/- 1%
Theoretical Coverage Rate	610 ft ² /gal at 1.0 mils (15.0 m ² /l at 25 microns) 406 ft ² /gal at 1.5 mils (10.0 m ² /l at 38 microns) Allow for loss in mixing and application.
VOC Values	As Supplied : 2.42 lbs/gal (290 g/l)

SUBSTRATES & SURFACE PREPARATION

General | Designed to be applied over primer as an industrial topcoat.

MIXING & THINNING

Mixing | Agitate thoroughly

Thinning | Not Recommended, if necessary reduce 3-5% with water

APPLICATION EQUIPMENT GUIDELINES

Listed below are general equipment guidelines for the application of this product. Job site conditions may require modifications to these guidelines to achieve the desired results.

Airless Spray	45:1 Airless spray equipment Tip Size: 0.015 to 0.019 Pump Pressure: 2500-3500 psi (17-24 MPa) To minimize or eliminate thinner, use in-line heated equipment with insulated hoses to reach application vis. Do not exceed 165°F (74°C).
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Strathmore 5222 W/R Alkyd

PRODUCT DATA SHEET



APPLICATION CONDITIONS

Condition

Must be a minimum of 5°F (3°C) above the dew point during the surface preparation and coating application

CURING SCHEDULE

Surface Temp.	Dry to Touch	Dry to Handle	Dry to Recoat	Dry Hard
70°F (21°C)	1 Hour	2 Hours	2 Hours	16 Hours

CLEANUP & SAFETY

Cleanup	Water may be used for clean up. Batch mixed material will set up in the lines and equipment if left overnight. With plural component equipment, be sure to flush from the mixing head through the delivery hose and guns.
Safety	Handle with care. Before and during use, observe all safety labels on packaging and paint containers and follow all caution statements on this product data sheet. Consult the Safety Data Sheet (SDS) for this product and follow all local or national safety regulations. Employ normal workmanlike safety precautions.
Ventilation	When used in enclosed areas, thorough air circulation must be used during and after application until the coating is cured. The ventilation system should be capable of preventing the solvent vapor concentration from reaching the lower explosion limit for the solvents used. User should test and monitor exposure levels to ensure all personnel are below guidelines. If not sure or if not able to monitor levels, use MSHA/NIOSH approved respirator.

PACKAGING, HANDLING & STORAGE

Packaging	One gallon cans
Shelf Life	6 months from date of manufacturing When kept at recommended storage conditions at 70°F (21°C) and in original unopened containers. Do not use material beyond shelf life.
Storage Temperature & Humidity	Do not store at temperatures above 100°F (38°C).
Storage	Containers must be closed tightly. Do not store outside. Rotate stock.

WARRANTY

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