

ARCHCO™ 65

High Solids Aliphatic Polyurethane

Description

Archco™ 65 is a two-part, high solids aliphatic polyurethane with excellent gloss retention. The coating is designed as a topcoat to provide long-term protection and aesthetic enhancement of structures.

Uses

Used as a topcoat over Protal™ Liquid Coatings, Archco™ Coatings & Linings and Denso Tank Base System to provide color coding, abrasion resistance, chemical resistance and long term UV stability.

Features

- Can be applied by brush, roller or spray
- Excellent resistance to a variety of solvents, acids and bases
- Excellent chemical resistance
- Excellent long term gloss retention
- High impact and abrasion resistance
- Cures at temperatures as low as 40°F (4.5°C)

Application

When applying over Protal™ Liquid Coatings refer to the Application Specifications for the complete topcoat instructions. Surface should be dry and above 40°F (4.5°C). If the Protal™ Liquid Coating has cured more than 72 hours, a light sweep blast or roughening of the surface with 60 grit sandpaper must happen before applying another coat. After the surface is roughened, wipe the entire surface with MEK or approved solvent to remove the dust and other contamination. Add hardener to base and mix at a slow speed until a constant colour is achieved making sure all sides of container are scraped. Archco™ 65 can be brushed, rolled or sprayed. When applying use a wet film thickness gauge to measure mil thickness. The coating can be sprayed using a minimum of 45:1 airless equipment.



Archco™ 65

TECHNICAL DATA

PROPERTIES	VALUE
Pot Life @ 77°F (25°C) (ASTM 2196)	3 hours
Dry Time @ 77°F (25°C), 55% R.H.	
To Touch	2 - 4 hours
To Handle	4 - 6 hours
To Recoat	6 - 8 hours
Solids by Weight	71% - 73%
Solids by Volume	62% - 65%
Recommended Dry Film Thickness	3 to 5 mils (75 - 125 microns) per coat
Viscosity @ 77°F (25°C)	80 KU (mixed)
Theoretical Coverage	994 ft ² /gallon @ 1 mil DFT (92.35 m ² /L @ 25.4 microns DFT)
Film Thickness	
Wet	5.0 - 8.0 mils (125 - 203 microns) per coat
Dry	3.0 - 5.0 mils (76 - 125 microns) per coat
Mixing Ratio	4:1
Atmospheric Temperature Limit	200°F (93°C)
Flash Point	40°F (4°C) TCC
VOC's	2.5 lbs/gal (300 g/L)
Colour	White

STORAGE AND HANDLING:

Store the containers in a dry, well ventilated area.

The containers should be kept tightly sealed.

Shelf life: 2 years.

DOT classification: Paint UN 1263

PACKAGING:

1 gallon kits 5 gallon kits

(3.8 liter kit) (19 liter kit)

Special kit sizes are available.

HEALTH AND SAFETY:

Spray or brush under well ventilated conditions.

Wear suitable protective clothing and glasses.

See material safety data sheet.



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