

Archco 65

A topcoat designed to provide long-term protection and aesthetic enhancement of structures

Composition

Archco 65 is a two-part, high solids aliphatic polyurethane with excellent gloss retention.

Uses

Archco 65 is used as a topcoat over Protal Liquid Coatings, Archco Coatings & Linings and Denso Tank Base System to provide colour coding, abrasion resistance, chemical resistance and long term UV stability.

Characteristics

Archco 65:

- can be applied by brush, roller or spray,
- has excellent resistance to a variety of solvents, acids and bases,
- has excellent chemical resistance,
- has excellent long term gloss retention,
- has high impact and abrasion resistance, and
- cures at temperatures as low as +4.5°C (40°F).

Application

When applying over Protal Liquid Coatings refer to the Application Specifications for the complete topcoat instructions.

Surface should be dry and above +4.5°C (40°F). 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 micron (mil) thickness. The coating can be sprayed using a minimum of 45:1 airless equipment.

Availability

Archco 65 is available in:
3.8 litre kit (1 gallon kits)
19 litre kit (5 gallon kits)
Special kit sizes are available.

Storage conditions

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

Health and Safety

Spray or brush under well ventilated conditions. Wear suitable protective clothing and glasses. See material safety data sheet.

Waste material

Please do not discard waste material, including packaging, in the surrounding environment. Please follow all relevant legislation for disposal.

Typical Properties

| | |
|---|---|
| Pot Life @ 25°C (77°F) (ASTM 2196) | 3 hours |
| Dry Time @ 25°C (77°F), 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 | 75 - 125 microns (3 to 5 mils) per coat |
| Viscosity @ 25°C (77°F) | 80 KU (mixed) |
| Theoretical Coverage | 92.35 m ² /L @ 25.4 microns DFT (994 ft ² /gallon @ 1 mil DFT) |
| Film Thickness | |
| Wet | 125 - 203 microns (5.0 - 8.0 mils) per coat |
| Dry | 76 - 125 microns (3.0 - 5.0 mils) per coat |
| Mixing Ratio | 4:1 |
| Atmospheric Temperature Limit | +93°C (200°F) |
| Flash Point | 4°C (40°F) TCC |
| VOC's | 300 gr/l (2.5 lbs/gal) |
| Colour | white |

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