

DENSO WEATHERSHIELD 60

High Gloss Aliphatic Polyurethane Topcoat

Description

Denso Weathershield 60 is a two part, high gloss, high performance, polyurethane topcoat with excellent gloss retention.

Uses

Used as a topcoat over Protal Liquid Coatings to provide color coding, abrasion resistance, chemical resistance and UV stability. Will cure at temperatures as low as 40°F.

Features

- Can be applied by brush, roller or spray (conventional or airless)
- 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

Application

By Hand:

Mix each of the Part "A" and Part "B" to an even consistency. Add the Part "B" to the Part "A" and mix until an even color is achieved (about 2 minutes) making sure all sides of container are scraped. Mixed material may then be applied by brush or roller to a wet film thickness of 1 to 2 mils DFT in one coat.

By Spray:

Airless Spray

Pump ratio	30:1
Air Supply (in)	100 psi
Hose Diameter (ID)	1/4"
Hose Length	100 ft
Tip Size	.013 - .019
Atomization Pressure	2,400

Conventional Spray

Air Supply	100 psi
Material Hose (ID)	1/2"
Material Hose Length	50 ft
Air Hose (ID)	5/16"
Fluid Pressure (psi)	50 - 75
Fluid Tip Orifice Size (in)	.046 - .070



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TECHNICAL DATA

PROPERTIES	VALUE
Pot Life @ 77°F (25°C) (ASTM 2196)	10 hours
Touch Dry @ 77°F (25°C) (ASTM D1640)	20 to 30 minutes
Handle/Recoat Dry @ 77°F (25°C) (ASTM D1640)	2 to 4 hours
Solids by weight	60%
Recommended Dry Film Thickness	1 to 2 mils per coat
Viscosity @ 77°F (25°C)	70 KU (mixed)
Theoretical Coverage	740 ft ² /gallon @ 1 mil DFT
Mixing Ratio	4:1
Atmospheric Temperature Limit	250°F
Flash Point	50°F TCC
VOC's	4 lbs/gal
Color	white, blue, red, orange, yellow, gray & black

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
(3.8 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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