

DS40 LVOC Transparent Sealer

as a Sealer



Products	DS40 LVOC Transparent Sealer 851 Prep and Wash 909 Final Wipe AM900 Aero-Max Pre-Kleano DH99 Low VOC Fast Hardener DH100 Low VOC Hardener DH105 High Temperature Low VOC Hardener RMR15 Low VOC Reducer VR Series Reducers																
Cleaning	See Undercoat Section - Cleaning the Vehicle Surface																
Pretreatments	Apply DE17 or EP Series primers when bare metal is exposed.																
Mixing Ratio	<table><tr><td>Untinted</td><td>Tinted with ONYX HD</td></tr><tr><td>6:1:1</td><td>Step 1 - 10:1</td></tr><tr><td>6 parts DS40</td><td>10 parts DS40</td></tr><tr><td>1 part DH99, DH100 or DH105</td><td>1 part ONYX HD Tinting Base/Color</td></tr><tr><td>1 part VR Reducer or RMR15</td><td>Step 2 - 6:1:1</td></tr><tr><td></td><td>6 parts DS40/ONYX HD mixture</td></tr><tr><td></td><td>1 part DH99, DH100 or DH105</td></tr><tr><td></td><td>1 part VR Reducer or RMR15</td></tr></table>	Untinted	Tinted with ONYX HD	6:1:1	Step 1 - 10:1	6 parts DS40	10 parts DS40	1 part DH99, DH100 or DH105	1 part ONYX HD Tinting Base/Color	1 part VR Reducer or RMR15	Step 2 - 6:1:1		6 parts DS40/ONYX HD mixture		1 part DH99, DH100 or DH105		1 part VR Reducer or RMR15
Untinted	Tinted with ONYX HD																
6:1:1	Step 1 - 10:1																
6 parts DS40	10 parts DS40																
1 part DH99, DH100 or DH105	1 part ONYX HD Tinting Base/Color																
1 part VR Reducer or RMR15	Step 2 - 6:1:1																
	6 parts DS40/ONYX HD mixture																
	1 part DH99, DH100 or DH105																
	1 part VR Reducer or RMR15																
Application	1 to 2 medium wet coats 5 to 10 minutes flash between coats																
Drying	20°C/68°F 20 to 30 minutes No longer than 6 hours before topcoating																
Sanding/ Polishing	N/A Remove sanding residue with 909 or AM900.																
Notes	Need to use a pretreatment primer when using as a sealer over bare metal substrates. DS40 may be applied to unsanded e-coat that has been properly cleaned.																



DS40 LVOC Transparent Sealer

as a Sealer Technical Data



Characteristics

DS40 LVOC Transparent Sealer is a two part urethane transparent sealer. DS40 can be applied over all R-M primer surfacers, all OEM finishes and all air dry finishes (except acrylic lacquer).

Technical Data

Viscosity	12-16 sec. #4 Ford cup
Fluid Tip (HE Gravity)	1.3-1.5 mm
Fluid Tip (HVLP Gravity)	1.3-1.5 mm
Air Pressure (HVLP/HE)	10 psi at air cap
Number of Coats	1 to 2 medium wet coats
Thickness	1.0-1.4 mils
Pot Life	1 hour @ 20°C/68°F
Coverage	1190 sq ft/gal @ 0.5 mil
VOC as Applied	<i>Tinted</i> 241 gms/ltr (2.0 lbs/gal) <i>Untinted</i> 189 gms/ltr (1.6 lbs/gal)

Things to DO:

- Do use the appropriate NIOSH/MSHA respirator. Consult product label for details.
- Do use the DS40 mixture within a 1 hour period.
- Do scuff sand and reseal if DS40 has cured longer than 6 hours
- Do measure the amount of hardener and reducer - DO NOT ESTIMATE.
- Do use over flexible parts.

Things NOT to DO:

- Do not use fisheye eliminator in DS40.
- Do not use if shop temperature is below 15°C/60°F.
- Do not use DS40 directly over ANY acrylic lacquer.
- Do not use HR5 Jet5 in DS40.
- Do not use mixed ONYX colors to tint DS40, only the toners themselves.