

Plastic OLF Primer

Chlorinated PolyOlefin primer for plastic surfaces

A single component, quick drying, adhesion promoted, chlorinated PolyOlefin primer for plastic surfaces.

Intended Uses:

Plastic OLF Primer is designed to be applied to 'difficult to stick' plastic surfaces such as polypropylene, PP/EPDM and TPO (Thermoplastic PolyOlefin) but can also be used on polystyrene, PVC, GRP on items such as vehicle bumpers, chairs, tables & planters.

Coating these substrates with Plastic OLF Primer will render them over-coatable by a range of coatings.

Properties:

- Easy to use one component product.
- Excellent adhesion to PP, PP/EPDM and TPO.
- Excellent adhesion properties on a variety of substrates.
- Excellent intercoat adhesion between primer and topcoat (e.g. polyurethanes).
- Quick drying.
- Aerosol packs available.

Technical Data:

Colour	Transparent or with pigmentation for appearance
Finish	Smooth semi-matt
Typical Film Thickness	25 – 50µm DFT
Theoretical Coverage	5 m ² / Litre @ 50µm DFT, allow for loss factors
Method of Application	Spray
Number of Coats	1 – 2 by spray

Drying Information:

	0°C	5°C	10°C	25°C	30°C	40°C
Touch Dry	-	-	-	10 min	-	-
Hard Dry	-	-	-	4 hrs	-	-
Overcoating Data – See Limitations						
Substrate Temp.	0°C	5°C	10°C	25°C	30°C	40°C
Minimum	-	-	-	4 hrs	-	-
Maximum	Extended*					

* See Specialized Coating Systems Definitions and Abbreviations.

Systems & Compatibility:

Consult a Specialized Coating Systems technical representative for coating system solutions.

Surface Preparation:

For new plastic surfaces, thoroughly wipe down surface with AEROCLEAN Silicone Remover to promote adhesion. For aged or weathered surfaces, remove loose material with a brush or scraper, clean with soap and water, rinse and let dry. Sanding may be required for glossy or smooth surfaces. If mildew is present, wash with a bleach solution, rinse and let dry.

Surfaces must be 100% clean from dirt and contamination prior to application of Plastic OLF Primer.

Refer to "Preparation and Paint of Polypropylene Bumpers".

Application:

Mixing	This is a one component product and does not require a hardener. Agitate/stir the product well before use to ensure a homogeneous mix and no settlement of pigments. The temperature of the mixed product should preferably be above 8°C. Higher temperatures results in reduced sag resistance and faster cure.		
Pot Life	No limitation. If product thickens, use thinner to reduce viscosity.		
Thinner	Toluene or Xylene	0 – 20% depending on application	
Air Spray	Recommended	Gun	Pressure/Gravity Feed
		Fluid Tip	1.1mm to 1.6mm
Work Stoppage	Thoroughly flush all equipment with Xylene Thinner . All unused material should be stored in tightly closed containers. Partially filled containers may show surface skinning and/or a viscosity increase of the material after storage. Material should be filtered, and viscosity re-adjusted before use.		
Clean Up	Clean all equipment immediately after use with Xylene Thinner . It is good working practice to periodically flush out the spray equipment during the course of the working day. Frequency of cleaning will depend upon the amount sprayed, temperature and elapsed time, including delays.		

Environment:

	Surface Temperature	Ambient Temperature	Relative Humidity
Minimum	5°C*	5°C	No lower limit
Maximum	45°C	45°C	85%

* Or 3°C above dew point

Limitations:

- Over-application will extend both the minimum overcoating periods and handling times and may be detrimental to long term overcoating properties.
- Overcoating information is given for guidance only and is subject to local climate and environmental conditions. Consult a Specialized Coating Systems representative for specific recommendations.
- Technical and application data herein is for the purpose of establishing a general guideline of the coating application procedures.
- Test performance results were obtained in a controlled laboratory environment and Specialized Coating Systems makes no claim that the exhibited published test results, or any other tests, accurately represent results found in all field environments. As application, environmental and design factors can vary, due care should be exercised in the selection and verification of the performance and use of the coating.

Pack Size:

500ml, 1 Litre & 5 Litre.

Storage:

- Shelf Life: 24 months at 25°C from date of manufacture. Subject to inspection thereafter.
- Store in dry conditions out of direct sunlight, away from sources of heat or ignition.
- Store at temperatures between 5°C and 35°C.

Precautions:

For complete safety and handling information please refer to the appropriate Safety Data Sheets prior to using this product.