

Technical Data Sheet

Super Etch Primers

PRODUCT INFO

Product Description:

Premium quality, single pack epoxy etch primer

Substrates:

Iron, steel, stainless steel, galvanized iron, aluminium, brass, copper.
Repainting of solvent resistant surfaces, sanded original and old paintwork.

Preparation:

Mild Steel – Remove all rust and any loose material by wire brush or mechanical sander.
Non-ferrous metals, stainless steel and galvanized iron – Abrade using Scotch-Brite® pad or wet and dry sand paper.
Suitable previous coat – Mechanically sand with P220 – 240 grit sandpaper.
The durability of the coating system largely depends on the thoroughness of the preparation of the surface.

Cleaning:

Surface must be dry and free from any contamination, e.g. oil, grease, release agents. Degrease with metal cleaner, solvent-thinner, silicon remover or industrial cleaners.

Recoating:

May be recoated with Valspar R-Cure / Valgard primers and/or Valspar R-Cure / Valthane / Duraspar topcoats.




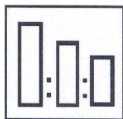
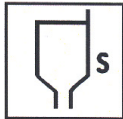


Physical properties:

Chemical base	Modified Epoxy
Specific Gravity	0.91 – 0.95
Volume Solids (%)	approx 10%
Coverage (m ² / litre)	approx 5 m ² / litre (@ 20µm DFT)
Gloss	Matt
Colour	Grey, Black, White, Red
Processing temperature	At least 3°C above dew point, max. Humidity 85%

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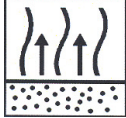
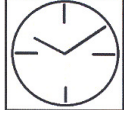


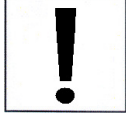
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APPLICATION DATA

	<p>Cleaning With appropriate cleaners</p>	<p>Surface must be dry and free from any contamination, e.g. oil, grease, release agents</p>	
	<p>Preparing Mild Steel – Remove all rust and any loose material by wire brush or mechanical sander. Non-ferrous metals, stainless steel and galvanized iron – Abrade using Scotch-Brite® pad or wet and dry sand paper. Suitable previous coat – Mechanically sand with P220 – 240 grit sandpaper. The durability of the coating system largely depends on the thoroughness of the preparation of the surface.</p>		
	<p>Before use Stir thoroughly using a flat-bladed or mechanical stirrer before and during use.</p>		
	<p>Mixing ratio with reducer (by volume) Air spray Airless Spray Brush (small areas only)</p>	<p>LRC9101 Super Etch Reducer LRC9101 Super Etch Reducer LRC9101 Super Etch Reducer</p>	<p>0 – 30% 0 – 10% 0 – 3%</p>
	<p>Viscosity 20 – 25 sec. Ford 4 @ 25°C</p>		
	<p>Gravity or Suction Feed Nozzle set Spray gun Pressure HVLP (Air cap pressure) Airless Nozzle set Nozzle Pressure</p>	<p>1.4 – 1.8 mm 3.5 – 4.5 bar 0.7 bar Approx 0.28mm 12MPa (1700psi; 120 bar)</p>	
	<p>Application DFT (Recommended 20µm)</p>	<p>Option 1 – Full primer 2 Coats 20 – 25µm</p>	<p>Option 2 – Etch medium 1 Light coat 10 - 12µm</p>

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	Flash-off Between coats: 20 °C	Option 1 – Full primer 2 - 5 minutes	Option 2 – Etch medium N/A
	Air-dry: 20 °C	Touch dry Dry to handle Hard dry	5 min 20 min 1 hour
	Recoatable: 1 hour to 3 months Ensure surface is clean, dry and free from dust, oil and grease	Compatible Products Topcoats: Valthane / R-Cure / Duraspar ranges Primers: Valgard / R-Cure ranges	
	Use suitable respiratory protection (we recommend the use of a fresh air supply respirator).		
	<p>Precautions: During application all health and safety measures referring to the use and handling of coating materials are to be observed, e. g. existing regulations issued by the trade associations in the Chemical Industry. For Health and Safety information please refer the Material Safety Datasheet (MSDS).</p> <p>Note: The products listed are intended only for the professional user and for professional use. All recommendations in words and writing given on the use of our products to customers or users are not binding and do not give reasons for secondary obligations resulting from the bill of sale. Every care is taken to ensure that the technical information provided is accurate and up to date according to the present state of knowledge in science and our experience. These recommendations do not, however, exempt the customer from autonomously checking whether our products are suitable for the intend purpose. The durability of the coating system largely depends on the thorough preparation of the surface. Furthermore our universal terms of delivery and payment are applicable.</p> <p>With the publication of this Technical Data Sheet all previous versions regarding this product are no longer valid.</p>		