



DENSO METAL ETCH PRIMER

DESCRIPTION	<ul style="list-style-type: none">- Fast drying Acid Hardening Metal Etch Primer- Very Good over-coating times- Excellent adhesion to ferrous metal, galvanised iron and various types of plastic (Acting as key-coat).- Single pack, no elaborate catalyst mixing ratios to observe.- Easy to apply, no pot life to observe.- Good film strength, providing a resilient film for over coating.- Free from toxic materials, extremely user friendly.
USES	<ul style="list-style-type: none">- Recommended pre-treatment primer for most new metal surfaces.- Provides good adhesion for subsequent coatings of conventional primers and enamels used in domestic and industrial applications.- Improves corrosion resistance of industrial coating systems.
APPLICATION	<ul style="list-style-type: none">- Ready for use with brush or spray application.- Depending on type and pressure of spray equipment, further dilution may be required
STANDARD APPLICATION PROCEDURE:	
IRON STEEL	<ul style="list-style-type: none">- Surfaces must be clean and dry before application of Denso Metal Etch Primer- Remove all millscale, rust and heavy dust by abrasive blast cleaning to SA2.- Wire brush or scrape to a clean metal surface when abrasive blast cleaning is not available or practically possible- Remove all grease and oil with Denso Galv-etch Cleaner by working over the surface using a mop, brush or hessian.- Thoroughly rinse down with clean water to remove all residue and allow to dry.- Apply one coat of Denso Metal Etch Primer.
GALVANISED IRON	<ul style="list-style-type: none">- Remove all grease, oil and fabricators pre-treatment with Denso Galv-etch Cleaner or Denso Galv-tech Galvanised Iron Pre-Cleaner using a brush or hessian. Thoroughly rinse down with clean water to remove all residue. Note: If water forms a continuous film (No water-break), then cleaning operation is sufficient.- If water-break occurs, repeat cleaning process.- Rinse down with water to remove residue and allow to dry.- Apply one coat of Denso Metal Etch Primer as above
FIBERGLASS,PVC,PLASTIC	<ul style="list-style-type: none">- Remove all grease, oil, mould release agent and organic matter with degreasing Fluid. Rinse with clean water, sandpaper very well and dust off.- Apply one coat of Denso Metal Etch Primer.- A spread rate of 10m² per litre will give adequate film thickness.
GENERAL	<ul style="list-style-type: none">- Different surfaces and environmental conditions require specific painting systems to produce the best possible results.- It is therefore recommended that you contact a Denso Technical sales Representative for advice on your painting requirements whenever possible.
PRECAUTIONS	<ul style="list-style-type: none">- Do not apply Denso Metal Etch Primer over rusty, unprepared metal surfaces.- Do not leave unprotected for extended periods of time (max. 4days)- Denso Metal Etch Primer is not designed to withstand natural weathering for any length of time.- Allow two hours minimum before over-coating.- Clean all equipment and tools after use with Lacquer Thinners.
HEALTH & SAFETY	<p>Wear protective clothing and ensure adequate ventilation. Avoid contact with skin and eyes. See material safety data sheet for further information.</p>

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TYPICAL PROPERTIES	DATA
Type	Polyvinyl Butyral (PVB) Phenolic Resin, Non Toxic
Drying Time	Surface: ½-1 Hour (@25°C @ 50% relative humidity) Hard dry: 2-3 Hours (@25°C @ 50% relative humidity)
Overcoating	2-3 Hours (dry film must resist Xylene)
Viscosity	58-62 Sec. Ford 4 cup
Specific Gravity	0.91 – 0.92
Gloss	Slight Sheen
Weight Solids	19 – 20%
Volume Solids	10.5 – 11.5 (100µ wet film will give 11µ dry film)
Spread Rate	10 – 12m ² per litre (to obtain a continuous film without full coverage)
Theoretical Coverage	6 – 7m ² per litre (to obtain 100% coverage with one application)
Flash Point	18°C
Colour Range	Black, Red Oxide
Pack Size	0.5 litre. 1 litre and 25 litre

Coverage / spreading rate depend on condition and type of application in which Denso Metal Etch Primer is applied and used. For best results do not exceed a spread rate of 6m² per litre to obtain a protective thickness of 15 - 18µ.

Important

Denso SA (Pty) Ltd pursue a policy to develop and continually improve all of our products and therefore the information given in this data sheet is intended as a general guide and does not constitute a warranty of specification. However, our sales personnel are committed to assist the user in establishing the suitability of the product for its intended purpose and additional specific information is available on request.

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