



Approved Quality Management System
AS/NZS ISO 9001:2008
Lloyds Register-Certificate
No. MEL 0927759

Technical Data Sheet
PENETRATING PRIMER

Description:	A bitumen based slow curing adhesive primer for new, power brushed or abrasive blasted steel work to condition the surface prior to the application of Denso bitumen adhesive tapes.
Composition:	Bitumen based compound and extenders dissolved in solvent based vehicles.
Characteristics:	<ul style="list-style-type: none"> • stable over a wide temperature range, non hardening or cracking • highly resistant to mineral acids, alkalis and salts • will adhere and remain attached to all cleaned, sound, dry metal surfaces • resists degradation in aggressive industrial and climatic conditions • Wet Film Thickness: 90 - 110 µm, Dry Film Thickness: 45 - 55 µm
Uses:	<p>The primer is designed to promote the adhesion of bitumen tapes to steel work for the purpose of corrosion and mechanical protection.</p> <p>Allows for the repositioning of tape during application before developing a strong permanent bond.</p> <p>Fills minor blemishes in substrate surfaces.</p> <p>Used in conjunction with the Denso bitumen adhesive tape range which include Densopol, Ultraflex, Ultraseal and Densoseal tapes.</p>
Surface Preparation:	Prepare steel to St2 (power brushed) / AS1627 P.2 (minimum) if required. Edges on existing adjacent coatings should be chamfered to remove step down.
Application:	Apply an even coating at a rate of 9 to 11 m ² / litre by brush over new, previously power brushed, or abrasive blasted surface. For maximum performance allow a drying time of 25 to 35 minutes. Ensure that the primer still has tackiness before applying tape.
Recommended Temperatures:	<p>Application: 0 to + 55 °C</p> <p>Service: - 20 to + 65 °C</p> <p>Peak: + 75 °C</p>
Shelf Life:	2 years
Storage:	In cool, dry, ambient conditions, in original cartons away from heat and direct sunlight. Keep containers well sealed.
Available Sizes:	4 Litre, 4/carton

Physical Properties:	Test	Test Method	Units	Value
	Solids (Non Volatile) Content	ISO 1515	%w/w	62.5 ± 2.5
	Specific Gravity @ 15°C	ASTM 1475	-	0.92
	Brookfield Viscosity Spindle # 2 at 60 RPM	ASTM D2196	cps	350 ± 50
	Flash Point	ASTM D92	°C	23