



KANSAI PAINT

Sime Kansai Paints Sdn Bhd (218147-M)

2, Solok Waja 2,
Kawasan Perindustrian Bukit Raja,
41710 Klang, Selangor D.E., Malaysia
Tel: 603-3343 4833
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Mailing Address:
P.O. Box 2054
Pusat Bisnes Raja
40800 Shah Alam
Selangor D. E., Malaysia

Product Data

<i>Product reference : A530-0001</i>	<i>Data sheet revision : 1</i>
<i>Product description : Metalact H-15 Etching Primer</i>	<i>Preparation Date : 04.10.2006</i>

Etching Primer

A) Product description

A wash primer based on vinyl butyral resin with zinc chromate incorporated and phosphoric acid additive. Quick drying shop primer for steel plates and shapes immediately after blast cleaning. This product also acts as etching primer for light metal, galvanized steel and steel surfaces. It has excellent compatibility with most kinds of subsequent coat.



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B) Technical characteristics

Composition	Polyurethane resin Hydrocarbon solvents Additives
Color	Dark green
Shelf life	24 months in unopened container
Paint condition in container	Good, no lump or foreign matter
Specific Gravity	0.85 ± 0.05
NVM (%)	80 ± 2 %
Storage condition	Must be stored at cool area (Temp <35°C) No direct sunlight and good ventilation.
Pack size	3.2 KG
Application	Air spray



C) Surface preparation

Substrate pretreatment with **SHIN EZ A810-0505 Silicon off**.

D) Health and safety

"For professional use only"

Important : When using any Alesco product for the first time, consult the Alesco **"Chemical Safety Data Sheet"** guide. Always read the risks and precautions stated on the product label.

The information contained herein is to our best of knowledge true and accurate on laboratory results and line/field experience. However, no guarantee of results is implied since condition of use is beyond our control.



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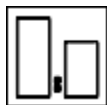
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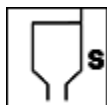
E) Mixing ratio

Stir well before use



	Volume	Weight
Etching Primer A530-0001	100 %	100 %
Metalact H-15 Additive A530-0002	25 %	20 %
Shin EZ 2K Thinner	10 ~ 30 %	10 ~ 30 %

Stir well immediately after the addition of the thinner. Strain before application.



F) Spraying viscosity

24 seconds ASTM 4 at 25°C
23 seconds NK 2 at 25°C

G) Pot life: 6 hours @ 30°C after mixing

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H) Spraying recommendations



Type of spraygun	Suction	Gravity
Fluid tip (mm)	1.8 - 2.0 mm	1.7 – 2.0 mm
Spraying pressure at the gun	45 - 50 psi 2.0 – 3.0 bars	45 - 50 psi 2.0 – 3.0 bars
Paint fluid delivery (ml/min)	2.5 ~ 3.0 turn	2.5 ~ 3.0 turn
Spraying speed	Approximately 0.6m /sec	Approximately 0.6m /sec
Spraying distance	10 ~ 15cm	10 ~ 15cm
Spray pattern width	Full	Full
Spray pattern overlapping	2/3 ~ 3/4	2/3 ~ 3/4

For further information on spraygun set ups, please refer to the equipment data sheet on sprayguns.



I) Application



Number of coat			Total film build
1st coat	Dry coat		
2nd coat		Dry coat	
Flash off between coat @ 30°C	Wet on wet	Wet on wet	8 ~ 15 microns

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J) Drying times (semi dry hard)

Air dry at 30°C
3 mins

Notes :

If required, you can use wet on wet system with 2K primer surface. Depending on spray condition and desired finish.