

**Technical Data Sheet** Undercoats



**GRIP-GARD<sup>®</sup> WHITE WASHPRIMER LIGHT ENHANCING** 

# FOR PROFESSIONAL USE ONLY

## Description

Grip-Gard White Washprimer Light Enhancing is a chrome free one-component self-etching primer for metal surfaces used in the sign industry. Suitable for most substrates especially aluminum, steel and galvanized steel. It provides excellent long term adhesion and corrosion resistance properties. The light enhancing capabilities of this new primer make it ideal for use in the sign industry.

> 3 Grip Gard Grip-Gard White Washprimer Light Enhancing Grip-Gard Basecoat Reducer Fast, Medium, Slow or Extra Slow



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Use the Measuring Stick #106



Spray gun set-up: Gravity: 1.4 - 1.6 mm Siphon: 1.6 – 1.8 mm

Application pressure: 30-40 psi (2-3 bar) at the air inlet HVLP max 10 psi (0.7 bar) at the air cap



# Application

Apply 1 flowing wet coat

0.5 - 0.7 mil dry film required



Recoatable non-sanding after 15 minutes at 70°F (20°C). Maximum Recoatability non-sanding 24 hours at 70°F (20°C).



Use suitable respiratory protection

AkzoNobel Sign Refinishes recommends the use of a fresh air supply respirator





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### Suitable substrates

- Autoprep Pretreatment Wiped surfaces
- Degreased and sanded steel with #80 grit paper dry
- Degreased and sanded aluminum with #120 #180 grit paper dry
- Degreased and sanded galvanized steel with #180 grit paper dry
- Degreasing may be done with M-600 Wax & Grease Remover (Item # 386324)

Change cleaning and degreasing cloths often to ensure contaminants are not reapplied to the surface to be painted.

## Products and additives

PRODUCT:	Grip-Gard White Washprimer Light Enhancing	Item # 483593
REDUCERS:	<ul> <li>Grip-Gard BC Fast Reducer: Temperature range: 60°F – 75°F (16°C – 24°C)</li> </ul>	Item # 391264
	- Grip-Gard BC Medium Reducer: Temperature range: 70°F – 85°F (20°C – 30°C)	Item # 391265
	<ul> <li>Grip-Gard BC Slow Reducer: Temperature range: 80°F–95°F (27°C–35°C)</li> </ul>	Item # 391266
	- Grip-Gard BC Extra Slow Reducer: Temperature range: above 95°F (35°C)	Item # 391267

#### **Basic raw materials**

- Grip-Gard White Washprimer Light Enhancing: Polyvinyl butyral resin, pigments and solvent

- Grip-Gard Basecoat Reducers: Special solvent blends

#### Mixing



3 parts by volume Grip-Gard White Washprimer Light Enhancing 1 parts Grip-Gard Basecoat Reducer Fast, Medium, Slow or Extra Slow **Use Mixing Stick #106** 



#### Stir after mixing Grip-Gard White Washprimer Light Enhancing must be stirred thoroughly immediately after mixing the components.

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SIGN FINISHES

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#### Viscosity



17 – 18 sec DIN Cup #4 at 70°F (20°C) Achieved by using measuring stick #103 or #101

# Spray gun set-up / application pressure



	Spray gun	Fluid tipset-up	Application pressure
T.E. Siphon Feed	0.063"–0.071"	30–35 psi	
(Sata RP or like)	(1.6–1.8 mm)	(2–2.4 bar)	
T.E. Gravity Feed	0.055"–0.063"	30–35 psi	
(Sata RP or like)	(1.4–1.6 mm)	(2–2.4 bar)	
Pressure Feed	0.039"–0.047"	max 10 psi	8–10 psi
HVLP	(1.0–1.2 mm)	(max 0.8 bar)	(0.6–0.8 bar)
HVLP Siphon	0.071"-0.087"	max 10 psi	
	(1.8–2.62 mm)	(max 0.8 bar)	
HVLP Gravity	0.055"-0.067"	max 10 psi	
	(1.4–1.7 mm)	(max 0.8 bar)	

#### Pot-life

# After the components have been mixed, the pot life is 6 months

Application process		
	Spray 1 flowing wet coat	
Film thickness		
	Grip-Gard White Washprimer Light Enhancing: Approximately 0.5 - 0.7 dry mil per single coat	
Recoat time		
	When Grip-Gard White Washprimer Light Enhancing is used as a non-sanding material, the maximum recoat time of a subsequent material is 24 hours at 70°F (20°C). After 24 hours, sand and reapply.	
NOTE:	<u>Never</u> apply polyester or epoxy base products directly over Grip-Gard White Washprimer Light Enhancing.	
RECOATABILITY:	: Grip-Gard White Washprimer Light Enhancing can be recoated (non-sanding) after 15 minutes at 70°F (20°C) with:	
	Grip-Gard Plus	
	Grip-Gard BC Topcoats	
	Grip-Gard BC with Interior Sign Converter	

- Grip-Gard HB Surfacer
- Grip-Gard Brite White HF
- Grip-Gard Sealer





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# Curing time



Dry to apply subsequent GRIP-GARD materials after 15 minutes at 70°F (20°C). Dry to sand after 45 minutes at 70°F (20°C).

## Material usage

Approximate square foot coverage per gallon at 0.5 dry mil:

Transfer Efficiency	Unmixed Paint	Ready-to-Spray
100% (Theoretical)	584	438
65% (HVLP)	380	285
35% (Conventional)	204	153

## **Cleaning of equipment**

Clean equipment with Cleaning Solvent 790, Cleaning Solvent LV or lacquer thinner.

#### VOC

Grip-Gard White Washprimer Light Enhancing mixed 3:1 (RTS): 6.04 lb/gal. 725 g/liter

### Product storage

Store products unopened and used products with closed lids preferably between 70°F-95°F (10°C-35°C). Avoid too much temperature fluctuation, optimal storage temperature approximately 70°F (20°C).

SHELF Grip-Gard White Washprimer Light Enhancing: One year if stored unopened at room temperature.

LIFE: Grip-Gard BC Reducers: Four years if stored unopened at room temperature.

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**IMPORTANT NOTE: The** information in this data sheet is not intended to be exhaustive and is based on the present state of our knowledge and on current laws: any person using the product for any purpose other than that specifically recommended in the technical data sheet without first obtaining written confirmation from us as to the suitability of the product for the intended purpose does so at his own risk. It is always the responsibility of the user to take all necessary steps to fulfill the demands set out in the local rules and legislation. Always read the Material Data Sheet and the Technical Data Sheet for this product if available. All advice we give or any statement made about the product by us (whether in this data sheet or otherwise) is correct to the best of our knowledge but we have no control over the quality or the condition of the substrate or the many factors affecting the use and application of the product. Therefore, unless we specifically agree in writing otherwise, we do not accept any liability whatsoever for the performance of the product or for any loss or damage arising out of the use of the product. All products supplied and technical advices given are subject to our standard terms and conditions of sale. You should request a copy of this document and review it carefully. The information contained in this data sheet is subject to worify that this data sheet is current prior to using the product.

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