VINYL-SHIELD™
7342

VINYL WASH PRIMER
EXCELLENT ADHESION

www.glass-shield.com
1-800-361-6652

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EXCELLENT ADHESION

OVER ALUMINUM AND STAINLESS STEEL #304

glass shield® HIGH PERFORMANCE COATINGS

CANADA V.O.C. COMPLIANT

Conditions Apply: refer to the Rules & regulations section of this document or visit the website at WWW.Glass-Shield.com/VOC.

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PRODUCT FEATURES

- Excellent surface pretreatment for aluminum
- Improves adhesion on non-ferrous metal such as aluminum
- Excellent pre-treatment primer for # 304 stainless steel
- Very fast drying times for efficient recoatability

SUGGESTED USE

- Aluminum
- Automotive applications as per article 3 (reference to SOR/2009-197 official document) of the “Definitions and regulations” section of this document.
- Architectural applications as per articles 13 (reference to SOR/2009-264 official document) of the “Definitions and regulations” section of this document.

Important: Substrate must be conditionned with AGA-2000 prior to painting.

AIR SPRAY

Manufacturer	Devilbiss	SATA
Model	HET	K3 RP
Fluid Tip	1.1 ff	1.1
Air Cap	#410	
Fluid Line	3/8”	3/8”
Pressure pot	15 - 25 psi	40 psi

NOT RECOMMENDED FOR

- Non conditionned aluminum application

In doubt? Contact technical services at 1-800-361-6652 for proper guidance in preparing substrate.

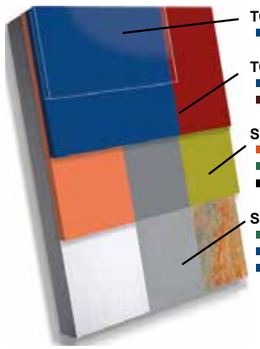
SURFACE PREPARATION

The recommended surface preparation for VINYL-SHIELD™ 7342 includes removal of all oil, grease, dirt, dust, mill scale, rust, paint, oxide, corrosion product, and other foreign matters. This can be accomplished with hydroblasting, grit sweeping and with a variety of mechanical descaling tools. The recommended standard by Steel Structure Panting Council is SSPC-SP-10 (near white blast). The minimum standard is SSPC-SP-6 (commercial blast) follow with treatment of metal conditionner AGA-2000.

TECHNICAL DATA

Coating Type	Polyvinylic resins
Colour	Yellow
Packaging	3.78L (1 US Gal.)
Shelf Life	1 year
Flashpoint (ASTM D93)	12º C (53.6º F)
Mixing Ratio	1 : 1 per volume
Induction Time	None
Catalyst and Pot Life	7343 C : 5 hours
Volatile Organic Compound (VOC)	5.41 lbs / gal. US (650 g/L)
Solids (ASTM D1644)	By weight: 20% +/- 2% By volume: 10% +/- 2%
Recommended Film Thickness (DFT)	7.5-17 microns dry (0.3-0.7 dry mils)
Theoretical Spreading Rate	4 M^2 /L at 25 microns dry 170 Pi^2 / gal US at 1 dry mil
Application Methods	Conventionnal air spray
Temperature Resistance	N/A
Thinner	None
Viscosity	42 +/- 5 KU

MULTIPLE APPLICATIONS TABLE



TOP COAT CLEAR FINISHES
- GLASS-GUARD 2820 SERIE

TOP COAT COLOR FINISHES
- GLASS-GUARD 2800 SERIE
- GLASS-GUARD 2850 SEMI-GLOSS SERIES

SURFACER AND BUILDER PRIMERS
- EPOXY 1400, 1500 AND 1700 SERIES
- PRIME-SHIELD MC 4390
- VINYL-SHIELD 7342

SUBSTRATE PREPARATION PRODUCTS
- GS 9020S
- A.G.A. 2000
- GS 202

Looking for the perfect solution to your painting project? Call us at 1-800-361-6652

APPLICATION

VINYL-SHIELD™ 7342 must be spray applied. Care should be taken that proper and uniform, thin, film thicknesses are obtained. For all air spray application, please refer to the equipment manufacturer for guidance

PRESSURE	DRY FILM THICKNESS	INTERCOAT
		
40 to 55 lbs / 10 lb at the gun Conventionnal HET ou JTI	0.3 to 0.7 mils	20 to 60 minutes

PACKAGING, HANDLING & STORAGE

Shipping Weight (approximately)	1 gallon: 7.5 lbs / 3.402 kg
Storage (general)	Store indoors

CURING SCHEDULE

These times are based on a 0.3-0.7 mil (7.5-17 microns) dry film thickness. Leave the film dry for 20 to 60 minutes after application. Insufficient ventilation or cooler temperatures will require longer cure times and could result in solvent entrapment and premature failure of the film and adhesion to substrate. Excessive condensation or humidity on the surface during the application and drying time can create discoloration or interfer with proper adhesion. If the maximum recoat time has been exceeded, the surface must be sanded prior to the application of additional coats.

Dry to Touch	15 minutes
To Recoat*	20 - 60 minutes

* Maximum recoat time : 4 hours. Substrate to be recoated must be in a contaminant free environment for maximum recoat of 4 hours.

MIXING AND THINNING

VINYL-SHIELD™ 7342, is a two component product supplied in a 1 US gallon kit which contains the proper ratio of ingredients. The entire content of each container must be mixed together. Power mix for 5 to 10 minutes the base portion first to obtain a smooth, homogeneous product.

After mixing the base portion (VINYL-SHIELD™ 7342 “Part A”), making sure pigment is fully incorporated, slowly add component “B” (acid catalyst Vinyl-Shield™ GS 7343C) with continued agitation. After the component “B” add is complete, continue to mix slowly until both components are thoroughly mixed.

Thinning is not required. The pot life of the mixed material is 4 to 5 hours at 25ºC (77ºF). Higher temperatures will reduce the pot life of the product; lower temperatures will increase it.

RATIO	INDUCTION	THINNER	POT LIFE
			
1: 1	None	None	4 to 5 hrs

DEFINITIONS AND REGULATIONS

IMPORTANT NOTICE : Canadian VOC regulations do not apply in the same way for automotive applications as for architectural applications.

The permissible VOC contents in grams per liter (g/l) vary considerably according to the types of applications as well as the various forms of activities. For example, the application of coatings is governed by the two regulations listed below, everywhere in Canada, except in manufacturing, marine, railway or military. To easily identify the recommended and VOC compliant Glass Shield products, please visit www.Glass-Shield.com/COV. In this section you will find two tables showing the maximum VOC content permitted under the Automotive Application Regulations (SOR/2009-197) and the Architectural Applications Regulations (SOR/2009-264). We have designed these interactive and informative tools to help you easily identify the Glass Shield products that are specifically recommended for each book and are fully compliant with applicable standards.

For any additional information about a particular application, contact the technical department at 1-800-361-6652 or contact@glass-shield.com from Monday to Friday between 8:00 and 4:30PM.

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