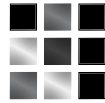


VINYL-SHIELD™ 7342

VINYL WASH PRIMER



PRODUCT FEATURES

- Excellent surface pretreatment for aluminum
- Excellent adhesion
- Improve adhesion on non-ferrous metal such as aluminum
- Very fast drying times for efficient recoatability



Suggested Use

- Aluminum

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

Packaging, Handling & Storage

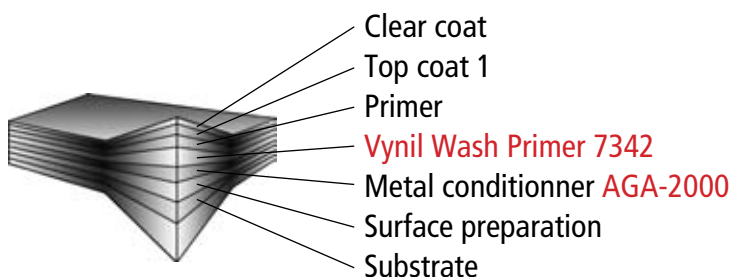
Shipping weight (approximately)	1 gallon 7.5 lbs (3.17 kg)
Storage (general)	Store indoors

Technical Data

Coating type	Polyvinyl resins
Colour	Yellow
Packaging	3.78L (1 US gallon)
Mixing Ratio	1 : 1 per volume
Catalyst	7343C
Flashpoint	12° C (53.6° F)
Induction time	None
Thinner	None
Pot life with catalyst 7343C	4 - 5 hours
Shelf life	1 year
Viscosity	85 +/- 5KU

Volatile organic compound (VOC)	6 lbs/US gal. (750 g/L)
Temperature resistance	N/A
Solids (ASTM D1644)	
By weight	20 +/- 2%
By volume	10 +/- 2%
Theoretical spreading rate	4 m ² / l at 25 microns dry
	170 ft. ² / US gal at 1 mil dry
Recommended film thickness	7.5 to 17 microns dry (0.3 to 0.7 dry mil)
Application methods	Conventional air spray and HVLP

Typical Sequence (First class finish)



Non Recommended Use

- **Non conditioned** aluminum application

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

VINYL-SHIELD™ 7342

Surface Preparation

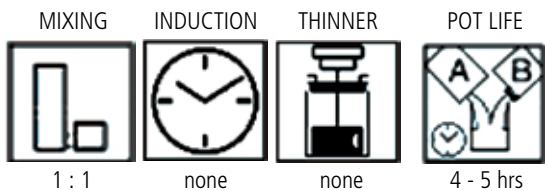
The surface preparation recommended for VINYL-SHIELD™ 7342 is to include removal of all oil, grease, dirt, dust, mill scale, rust, paint, oxide, corrosion product, and other foreign matters. This can be accomplished with hydroblasting, grit sweeping and with a variety of mechanical descaling tools. The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

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 77°F (25°C). Higher temperatures will reduce the pot life of the product; lower temperatures will increase it.



Application Conditions

Industry standards are for the substrate temperatures to be above 10° C of the dew point. Condensation due to substrate temperatures below the dew point can cause flash rusting on prepared steel and interfere with proper adhesion to the substrate.

Special application techniques may be required above or below normal application conditions.

Condition	Material	Surface	Ambient	Humidity
Normal	60 - 77° F (16 - 25° C)	60 - 77° F (16 - 25° C)	60 - 77° F (16 - 25° C)	0 - 60%
Minimum	50° F (10° C)	50° F (10° C)	50° F (10° C)	0%
Maximum	77° F (25° C)	77° F (25° C)	77° F (25° C)	75%

DISCLAIMER: All information is given in good faith. Since conditions of use are beyond the manufacturer's controls, all information contained herein is without warranty, implied or otherwise. All technical data and specifications are subject to change. Please consult with your Glass Shield representative for more detailed coating recommendations. Revised 09-06-2010

Application

VINYL-SHIELD™ 7342 must be spray applied. Care should be taken that proper and uniform, thin, film thicknesses are obtained. For HVLP applications or conventional air equipment, please refer and comply with equipment supplier's recommendations.



Air Spray

Manufacturer	Devilbiss	SATA
Spray gun	HET	K3 RP
Fluid tip	1.1 ff	1.1
Air cap	#410 / 414	
Fluid line	3/8"	3/8"
Pressure pot	15 - 25 psi	40 psi
Atomizing air	40 - 55 psi	36 psi

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 interfere with proper adhesion. If the maximum recoat time has been exceeded, the surface must be sanded or prepared with a brush off blast SSPC-SP-7 prior to the application of additional coats.

Dry to touch	15 minutes
To recoat*	20 to 60 minutes

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

PAINT SOLUTIONS

FOR EVERY INDUSTRIES



VINYL-SHIELD™
7342