

82-5001

INFINITY ETCH PRIMER WHITE
ETCH Primer

VERSION

Version 1

Date 9 December 2018

PRODUCT DESCRIPTION

Etch Primer, is a two component adhesion promoter primer. It's 2 pack reactive polyvinyl polymer with very high anti-corrosion pigment that promotes adhesion and serves as passive treatment of metal substrate, especially Aluminum and top-grade steel.

SUITABLE SUBSTRATE

Direct to steel

Direct to Aluminum

Direct to galvanized steel

KEY CHARACTERISTICS

- Quick dry
- Primer
- Anti-corrosion primer
- Etch primer

PHYSICAL PROPERTIES

Color	White color
Supply viscosity	75 - 81 KU at 30 °C
Specific gravity	1.13 – 1.23 g/cm ³
Solid content	51 – 57 % at 150C x 30 mins
Shelf Life	1 Year, Store in average temperature between 40 – 95 °F (5 – 35 °C). Avoid too much temperature fluctuation or direct contact with sunlight. Suitable storage temperature is 70 °F or 21°C

MIXING AND RELATED PRODUCTS

Mixing Ratio	Paint : Hardener : Thinner 4 : 1 : 1 [by Volume]
Hardener	2K infinity Etch primer hardener [21-24] or recommended by our technician
Reducer Thinner	Standard thinner #86-100

APPLIED CONDITION

Spray Viscosity at 25°C	FORD 4	15 – 20 sec		
Spray equipment		Fluid tip	Spray distance	
	Gravity feed	1.2-1.4 mm	15-20 cm	
	Suction feed	1.4 -1.6 mm	15-20 cm	
	HVLP	1.2-1.4 mm	10-15 cm	
	Pressure feed	1.0-1.2 mm	15-20 cm	
Spray pressure		Overall and panel repair	Spot repair	
	Gravity feed	3-4 bar	2.0-2.5 bar	
	Suction feed	3-4 bar	2.0-2.5 bar	
	HVLP	0.7 bar at nozzle	0.7 bar at nozzle	
	Pressure feed	4-6 bar	-	
Number of coats	2			
Film Thickness	20 - 30 micron [Total dry film]			
Cover rate	Approximately 5-6 m ² . / liters of un-mixed paint per single coat.			
Drying time	15-20 °C	21-25 °C	25-30 °C	30-40 °C
	50-60 min	40-50 min	30-40 min	20-30 min
Surface Preparation	Degrease and sand.			
	Prior to applying a sanding surfacer, sand body filler with P-180 or finer grit sandpaper and/or sand feather edge area with P180, then P240 , and finish with P320			
	Before further treatment, clean all substrates thoroughly with cleaning reagent.			

PRECAUTION

Warning	For professional or trained applicator use only. Not for sale or use by the general public. Before use, read and follow all TDS, label, and SDS precautions. Flammable product. Keep outreach of children. Always wear approved organic vapor goggle and safety mask when using product. Apply paint in good ventilating area.
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This product data sheet is intended to describe Big-Ben's product application. It should not be therefore be constructed as guarantee in any specific property of the product. We assume no liability in connection with its use.