

*For professional use only***VERSION**

Version 1

Date 11 December 2018

PRODUCT DESCRIPTION

Universal Tinter series is a universal high concentrated color paste. It is excellent in color strength, weathering resistance and easy to use.

KEY CHARACTERISTICS

- High concentrated Pigment

PHYSICAL PROPERTIES**Usage****Primer for 2K primer****Substrate or Primer**

- Primer: Etch Primer, Epoxy Primer, 1K Primer, or 2K Primer
- For the best adhesion and corrosion protection, it is recommended to apply etch primer to bare steel.

TINTING AND ADDITIVES**Tinting Ratio**

By volume

Binder : Tinter : Thinner = 70 : 30 : 100

Tinter

Universal Mixing System #600-XXXX.

Binder

Base Coat Binder #54-XXXX

Reducer

Standard Thinner #86-104

Thinner**Additives**

For plastic, add Plastic Flexible Additive #81-8010 not more than 10% of volume of paint.

APPLICATION**Surface****Preparation**

Clean surface from any contamination. Wash surface thoroughly with soap and water. Rinse and wipe dry with clean cloth. Finally, clean surface using **Wiping Solvent #85-4 (slow)** or **#85-7 (fast)** with clean cloth.

Sand steel, aluminum, or galvanized metal with 150 – 240 grit sand paper. Primer can be applied direct to metal; however, for improved adhesion to metal, we recommend priming with **Epoxy Primer #58-xxxx** or **Etch Primer/Wash Primer #82-xxxx**.

OEM or Original Paint must be cured and sanded with 150 – 240 grit sand paper. Clear or lacquer must be sanded with 150 – 240 grit sand paper before to avoid lifting. Body filler or fiberglass must be sanded with 150 – 240 grit sand paper.

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Spray Condition	Gun Type	HVLP/LVLP		Conventional Feed
	Fluid Tip	1.4 – 1.8		1.4 – 1.8
	Air Pressure	8 – 10 PSI		30 – 45 PSI
	Spray at paint gun manufacturer’s recommended air pressure.			
Application	Mix 4 parts of primer to 1 part of hardener and to 1 part of 2K thinner. Apply 2 – 3 medium wet coats, allowing 5 – 10 minutes flash time between coats.			
Number of Coats	2 – 3 Coats			
Thickness	0.06 – 0.07 mils / 60 – 70 microns (μ) per coat (dry film thickness)			
Coverage Area	By theory, 35 – 40 m² per gallon at 35 microns (μ).			
Flash Times	5 – 10 Minutes at 86°F (30°C)			
Drying Time		60 – 70 °F 15 – 21°C	70 – 80 °F 21 – 26 °C	> 80°F > 26°C
	Touch Dry	20 - 30 Min.	15 – 25 Min.	5 - 10 Min.
	Hard Dry	30 - 40 Min.	25 - 30 Min.	15 - 20 Min.
	Ready to Sand	50 - 60 Min.	40 - 50 Min.	30 - 40 Min.
Sanding	Ready to sand after about 45 minutes at 86°F (30°C). Once dry sand with 400-600 grit sand paper prior to next step.			

PRODUCT SPECIFICATION

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
Product Code	Gallon (600-XXXXL) + Binder (54-XXXX) Quart (600-XXXX) + Binder (21-20/2)



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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 out reach 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.