



21-07

Hardener 2K Hi-Solid 2:1 (Fast dry)

BIC-BEN® HARDENER

VERSION

Version 1
Date 20 December 2019

PRODUCT DESCRIPTION

21-Line, Isocyanate for polyurethane paint system. It's provide good, reactivity with Acrylic polyol paint system. It's also provide good appearance, high gloss, good weathering resistance, after completed reaction.

KEY CHARACTERISTICS

- Isocyanate
- Part B for Polyurethane paint system
- Good weathering clear coat

PHYSICAL PROPERTIES

Supply viscosity	11 – 13 sec by Ford cup No.4 at 30 °C
Specific gravity	0.95 – 1.05 g/cm ³
Total non-volatile	45 – 51 % at 150 °C 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	

APPLICATION PARAMETERS

Part A : Hardener : Thinner		
Mixing ratio	2 : 1 : 5-15% By Volume	
	Please see in Part A information.	
Hardener	46-Line [46-8007], 44-Line [44-8007]	
Reducer Thinner	2K Thinner # 86-120	
Spray viscosity	Ford cup No. 4	18-20 seconds
Pot life	2– 3 hr. at 25 °C	
Spray condition	Gravity feed	1.2 – 1.4 mm
	Air pressure	1.7 -2.2 bar
		28 – 30 psi
		HVLP max 0.6 – 0.7 bar (8-10 psi) at the air cap
Number of coats	2 coats	Dry film thickness 50-60 micron.

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.

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.