

UNIBRIGHT 900 (SYNTHETIC GLOSSY)

PROTECTIVE TDS

<u>Product Code</u>	DG700-COLOR
<u>Color / Appearance</u>	ALL COLOR
<u>Description</u>	UNIBRIGHT 900 is an alkyd based topcoat for outdoor & indoor for steel & wooden application with resistance to medium heat up to 150 °C
<u>Properties</u>	<p>Fine and High gloss Or semi gloss Appearance</p> <p>Smooth Seamless Surface</p> <p>Good Cure</p> <p>Good Hardness</p> <p>Good weathering & color stability</p>
<u>Areas of Use</u>	Used to paint all steel & wooden surfaces after upon being painted with the appropriate primer for a leveled & glossy appearance.
<u>Physical Properties</u>	
Density g/cm ³ , 25 °C	0.97 : 1.2 depending on color
Solid by volume	43-46% white 37-39% black
<u>Curing Time (At 25 °C and Dry Thickness of 30 microns).</u>	
Dust free	2 Hours
Surface dry	3 Hours
Dry to handle	4 Hour
Through dry	24 Hours
Full cure	72 Hours (Higher temperature means lesser curing time)
<u>Theoretical Spreading Rate</u>	1 Liter covers 13 Square Meters / Dry Thickness of 30 Micron (Other than lost materials)
<u>Shelf Life</u>	Two years for sealed varnish container (Stored in a cool and dry place and away from direct sunlight)
<u>Method of Use</u>	<p>Painted directly to all steel & wooden surfaces painted with a suitable primer</p> <p>UNIBRIGHT 900 is thinned using a UNITHINNER 810</p> <p>1:2 coats are sprayed using reversed spraying method</p> <p>In case of respraying after curing or to treat damages in the coat surface, the coat must be sanded with sander 1000 to ensure strong adhesion and avoid varnish coat cracked appearance.</p>
<u>Preparation Instructions</u>	
- Thinner	UNITHINNER 810
- Thinning Ratio	As per the spraying viscosity (18 Seconds - Cup No. 4)
Recommended Wet Film Thickness	Minimum = 65 Micron Maximum = 130 Micron
Dry Film Thickness	Minimum = 30 Micron Maximum = 50 Micron

Spray Tools

Airless Spray Gun

Nozzle

0.014 - 0.019 inch

Pressure

150 Bar : 2100 P.S.I

Air Spray Gun

Nozzle

1.4 :1.6 mm

Pressure

3-4 Bar : 40-60 P.S.I

Notice:

1- Whereas the paint contains volatile organic solvents, it must be used in ventilated areas and stored away from flammable sources. .

2-For more information and technical consultation, please contact technical department of **UNIEAST** company