



BP695.00.1000

PIGMENTED HIGH GLOSS

POLYURETHANE TOPCOAT

1. PRODUCT DESCRIPTION

BP695.00.1000 is two component polyurethane based high glossy topcoat.

- Vertical application without sagging
- High and permanent glossy
- excellent flow and surface hardness
- Minimum change in gloss levels before and after polishing
- high resistance to yellowing
- Excellent surface hiding power

3. COLOR OPTIONS

Color Code	Color
1000	White

2. RECOMMENDED USES

They can be applied on all kind of interior wooden surfaces in furniture industry.

Particularly , they can be preferred for lacquered furniture, bathroom and kitchen cabinets, doors.

4. APPLICATION METHODS

Airmix, airless and conventional spray guns

5. PRODUCT INFORMATIONS

Technical Characteristics	Application Information			
Solid Content % (by weight)	Surface Preparation			
1. component	75±2	To be applied on polyurethane, polyester or UV white basecoat which are preferably sanded with 220-280-400 or 280-400 grit paper respectively.		
2. component	36±1			
Viscosity	The sanding process in this way is enough before the topcoat application. If the extra sanding process applies, it must not be greater than 600 grit paper. If it is greater than 600 grit paper, it must be checked adhesion properties on the surfaces.			
1. component) (20°C, KU)	77±5	After the sanding process, the surface must be clean and dust free; remove all dirt before the topcoat application. (dust, wax etc.)		
Specific Gravity (kg/lit)				
1. component (White-1111)	1,29 ± 0,03	Mixing Procedure		
2. component	0,98 ± 0,03			
Recommended application weight (g/m ²)	130-140 (per coat)	by weight (kg)	by volume (L)	
<i>Depending on the application method and surface properties</i>		Polyurethane Glossy Topcoat BP695.00.1000	100	100
Pot Life (20°C)	Min 4 h	Polyurethane Hardener HP695.00 / HP555.00	50	55
Dry Time at 20°C, 45-65% RH, 100 g/m ²		Acrylic Thinner TA550.00	25-30	30-35
Dust free	30 -40 minutes	HP555.00 : "It is recommended to use with HP555 for faster drying."		
Touch dry	6 h	HP695.00: recommended to be used in summer and spring time.		
Stackable	72 h	<i>Before usage, stir well and check homogeneity.</i>		
Thinning	See application information			
Equipment clean up	Clean with cellulosic thinner			

Application	
<p>The coating can be applied single or two coats</p> <p>It should be applied 130 - 140 g/m² for single coat application. Two coat applications for manuel and automatic spray process, 100 g/m² for 1.coat and 130 – 140 g/m² for 2.coat should be applied.</p> <p>Wait min. 10 minutes max. 20 between coats for manuel application. Wait min. 1 hour max. 3 hours between coats for automatic spray applications.</p> <p>The sanding process is not applied between the coats.</p> <p>If the polishing process is made, it should be preferred two coat application</p> <p>The polishing process should be waited at least 18-36 hours. After 36 hours, the degree of difficulty increases during the period for the polishing process.</p> <p>For vertical applications, 250-350 g paint per square meter are applied in 4-5 equal parts. Wait min. 10 minutes max. 30 minutes between coats.</p>	
Alternative Thinner	
Thinner – TA500	: It is medium-slow drying thinner. In hot and/or high humidity R.H. conditions. According to the wether conditions, they can be used separately or mixed with TA550
Thinner – TP541	: In summertime or in tropical areas, it can be added as a retarder in the amount of 2-5 % to thinned paint

6. STORAGE & HANDLING

Store in a cool, dry place and away from heat.
Close all containers after use.

7. HEALTHY & SAFETY

1. For full Health and Safety information please refer to Material Safety Data Sheet
2. Gloves and suitable protective equipment must be worn while using these products
3. Good ventilation must be provided in the working environment
4. It is flammable and inflammable. No smoking during use and should be applied away from heat, fire and sparking devices

8. WARNING

- Products are recommended for use under temperature conditions 10-32°C for surface, product and environment and when relative humidity is below 50% during application and drying time. Low temperatures, poor air circulation or high humidity will extend dry times and they also can affect product performance negatively.
- During the application, the ambient temperature, humidity, the waiting time between coats, the application amount, the amount of the recommended thinner, and the application must ensure that the conditions TDS.
- After application, clean application equipment ith cellulosic thinner

9. PACKING SIZE

12 kg Paint + 6 kg HP695 / HP555 Hardener , 3 kg Paint + 1,5 kg HP695 / HP555 Hardener

Data provided on this Technical Data Sheet correspond to our best knowledge and experience. We assure consistency on the chemical-physical characteristics of our products, within the tolerance limits specified on our Technical Data Sheets. Responsibility of final result of product application is fully up to the Users, who shall make sure that the product corresponds to their own needs with regard to application system, to substrates used as well as to working conditions.