

Polyurethane finish HB uses in its composition specially selected raw materials, which give excellent chemical, physical strength, and great color retention and shine. It offers excellent flexibility, hardness, impact resistance and abrasion. Product of high solids, glossy, easy preparation and application.

TECHNICAL CHARACTERISTICS

TYPE

Finishing two-component acrylic resin-based crosslinked with aliphatic isocyanate.

USAGE

It can be used in several previously prepared surfaces. Suitable for protection and beautification in agricultural machine paintings, bus bodies, trucks, road equipment and repainting fleets. It can be applied on painted surfaces where the film is in good condition.

TECHNICAL INFORMATION

COLOR	White	Other colors, please consult.	
FINISH	Gloss		
VOLUME SOLIDS	55% ± 2	According to ISO 3233	
WEIGHT PER LITER	1,28 ± 0,05 g/ml	According to ASTM D 1475	
THEORETICAL SPREADING RATE	11,0 m ² /l for 50 µm		
WET THICKNESS	45 - 55 µm		
MIXING RATIO	Component A	Weight 100	Volume 10
	Component B	11	1
POT LIFE (25°C)	4 h		
DRYING TIME, for 50 µm		25°C	
		Minimum	Maximum
	Touch		10 min
	Handle		6 h
	Compleat		72 h
	Recoat	6 h	60 h
			30 min
			After cooling
ENVIROMENTAL CONDITIONS	Temperature	Should be between 0 to 40°C.	
	Relative Humidity	Between 30 to 85%	
	Thinner	RHR463	
APPLICATION	Conventional Spray Gun	Conventional DeVilbiss JGA 503 FX 704 spray gun or similar. Spray pressure between 3,0 to 4,0 kgf/cm ² (40 to 60 psi). Tank pressure between 5 to 15 kgf/cm ² .	
	Application viscosity CF4	13 a 20 seconds a 25°C.	
	Number of coats	2	
	Interval between recoats	2 a 3 minuts	
SURFACE PREPARATION	Carbon Steel	Use dry sanding with sandpaper # 220. Apply Surfacer Epoxy AG RH00662110.	
	Galvanized steel	Use dry sanding with sandpaper # 220 or mild abrasive jet (brush off). Apply Surfacer Epoxy AG RH00662110.	
	Aluminum	Use dry sanding with sandpaper # 220. Apply Surfacer Epoxy AG RH00662110.	
	Inox Steel	Use dry sanding with sandpaper # 220. Apply Surfacer Epoxy AG RH00662110.	
	Fiberglass	Use solvent RHR457 cleaning after use sanding dry with sandpaper # 220 and again clean with RHR457 cleaning solvent. Apply Surfacer PU Gray RH00169140.	

SHELF LIFE 12 months

UN NUMBER 1263

HAZARD NUMBER 33

IMPORTANT RECOMMENDATIONS

1. The practical spreading rate of the product varies according to the applied thickness, application method and techniques, type and rugosity of the surface and ambient conditions.
2. The weight/l and viscosity values were obtained in laboratory at a temperature of 25°C. At an altered temperature, the results might be different from the specified ones.

SAFETY PRECAUTIONS

1. Improper use and handling of this product can be hazardous to health and cause fire or explosion. Do not use it without first taking all appropriate measures to prevent property damage and injuries.
2. Storage: keep the product in sheltered, well-ventilated areas. Maximum temperature: 40° C. Must not be directly exposed to the sun.
3. Flammable: flammable product, which must be kept distant from ignition sources, and do not smoke nearby.
4. Inhalation: Avoid breathing vapors, keeping proper ventilation during application and drying.
5. Handling: wear proper protective clothing and masks, goggles, etc. Do not eat or drink nor allow children and animals to be near the application area.

HEALTH HAZARDS

1. Skin contact: wash affected area thoroughly with neutral soap.
2. Clothing contact: remove clothing and wash it.
3. Leakage: Isolate the area, and do not smoke nearby. If large quantity leaked in confined area, wear protective masks. Do not inhale vapors. Stop leakage with sand, sawdust or soil, and transfer liquid and solid to separated recipients for disposal.
4. Fire: protect non-affected recipients with water spray. Extinguish fire using carbon dioxide, foam or dry chemical.
5. Eyes contact: flush eyes with large amounts of clean water for at least 10 minutes, and get medical attention immediately.

IMPORTANT: For further information consult the product MSDS (Material Safety Data Sheet).
