HEMPEL'S BRILLIANT GLOSS 53200

Description:

HEMPEL'S BRILLIANT GLOSS 53200 is a modified alkyd enamel with high gloss and excellent colour retention. Flexible and resistant to salt water and spillage of mineral oil. Easy application ensures an exceptional finish.

Recommended use:

As a finishing coat in alkyd systems on interior and exterior surfaces above water-line: wood, steel and glass fibre.

Availability:

Part of European Yacht Assortment. Local Availability subject to confirmation

PHYSICAL CONSTANS:

Colours/Shade:	White 10501
Finish:	High Gloss
Volume solids, %:	55+/-1
Theoretical spreading rate:	11.0 m2/litre – 50 microns 450 sq.ft/US gallon – 2 mils
Flash Point:	41°C/106°F
Specific gravity:	1.2 Kg/litre – 10 lbs/US gallon
Dry to touch:	4 hours at 22°C/72°F 8 hours at 10°C/50°F
V.O.C:	390 g/liter – 3.2 lbs/US gallon *Other shades according to assortment list

The physical constants stated are nominal data according to the HEMPEL Group's approved formulas. They are subject to normal manufacturing tolerances and where stated, being standard deviation according to ISO 3534-1.

APPLICATION DETAILS:

Application method:	Airless spray	Air spray	Brush/Roller/Paint Pad
Thinner (max. Vol):	08081 (Max.5%)	08081 (10-15%)	08111 (Max.5%)
Nozzle orifece:	018'' – 021''		
Nozzle pressure:	150 bar / 2200 psi *(Airless spray data are indicative and subject to adjustment)*		
Cleaning of tools:	HEMPEL'S THINNER 08080		
Indicated film thickness, dry:	50 microns / 2.0 mils		
Indicated film thickness, wet:	90 microns / 3.6 mils		
Recoat interval, min:	10 hours (22°C/72°F) (See REMARKS overleaf) 20 hours (10°C/50°F) (See REMARKS overleaf)		
Recoat interval, max:	3 days (22°C/72°F) (See REMARKS overleaf) 6 days (10°C/50°F) (See REMARKS overleaf)		

Safety:

Handle with care. Before and during use, observe all safety labels on packaging and paint containers, consult HEMPEL Material Safety Data Sheets and follow all local or national safety regulations. Avoid inhalation, avoid contact with skin and eyes, and do nor swallow. Take precautions against possible risks of fire or explosions as well as protection of the environment. Apply only in well ventilated areas.

SURFACE PREPARATION	**New wood:** PRE-CLEAN 67602 followed by fresh water rinsing. Allow the wood to dry, sand the surface, and remove dust completely. Saturate the surface with HEMPEL'S WOOD IMPREG 02360 or suitable wood preservative. Apply one coat of HEMPEL'S PRIMER UNDERCOAT 13201. Apply one coat of BRILLIANT GLOSS 53200 thinned 5-10% with HEMPEL'S THINNER 08111. Finally apply 1-2 coats of undiluted. **Previously painted wood:** PRE-CLEAN 67602 followed by fresh water rinsing. Grind the surface to a uniformly matt appearance. Remove all dust and touch-up to full film thickness with HEMPEL'S PRIMER UNDERCOAT 13201 or suitable primer. Apply one coat of BRILLIANT GLOSS 53200 thinned 5-10% with HEMPEL'S THINNER 08111. Finally apply 1-2 coats of undiluted. **Steel:** PRE-CLEAN 67602. Remove salt and other contaminants by (high pressure) fresh water cleaning. Remove all rust by abrasive blasting or power tool cleaning. Remove all dust and touch-up to full film thickness with HEMPEL'S PRIMER UNDERCOAT 13201 or suitable primer. Apply 2-3 coats of BRILLIANT GLOSS 53200. **Glass fibre:** Remove all contaminants with HEMPEL'S PRE-CLEAN 67602 followed by fresh water rinsing. Allow to dry. Abrade before primer application. Remove all dust and touch-up to full film thickness with HEMPEL'S PRIMER UNDERCOAT 13201 or suitable primer. Apply 2-3 coats of BRILLIANT GLOSS 53200.
APPLICATION CONDITIONS:	The surface must be completely clean and dry. Application should only take place in dry weather with temperatures above 5°C/41°F and not in direct sunlight. To avoid condensation the temperature of the surface must be above the dew point. In confined spaces provide adequate ventilation during application and drying.
PRECEDING COAT:	HEMPEL'S PRIMER UNDERCOAT 13201, suitable wood preservative or according to specification
SUBSEQUENT COAT:	None
REMARKS:	Increased service temperatures will enhance the natural tendency to yellowing especially indoors. May be specified in another film thickness than indicated depending on purpose and area of use. Normal range is 40-50 micron / 1.6-2.0 mils. When applied by spray second coat must be applied wet in wet, or after 3 days (20°C/68°F), 6 days (10°C/50°F) in order to assure proper film formation. Maximum recoat interval refers to exterior surfaces exposed to periodical immersion, splash, condensation or abrasion during service life of the coating system. On other areas no maximum recoat interval for adhesion. If maximum interval is exceeded, roughening of the surface is necessary to ensure intercoat adhesion. Before overcoating after exposure in contaminated environment, clean the surface thoroughly by high pressure fresh water hosing or by hosing down with fresh water and scrubbing with a stiff brush and allow to dry.
NOTE:	The information given in the Product Data Sheet is intended for commercial use.
ISSUED BY:	HEMPEL A/S – 5320010501CS002