

Marine Paint Manual

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UNIPRIME 20

A special synthetic resin based primer, suitable for exposed decks and the exterior of superstructures. As it is aluminium free, it can also be used for corrosion prevention on the superstructure and deck areas of tankers. This product has excellent hold-up property which enables high film build. Besides it is superior in terms of adhesiveness, anticorrosiveness and humidity resistance. It can be overcoated by various kinds of finishes (alkyd, acrylic, urethane and so on).

Suitable Use	Anticorrosive for decks, exterior of superstructure, fittings, etc.					
Type	Special synthetic resin					
Color	Brown, Light Gray, White					
Gloss	Flat					
Volume Solids	45 ± 2% (ISO3233:1998)					
Typical Dry Film Thickness	30 ~ 80 μm					
Approx. Wet Film Thickness	67 ~ 178 μm					
Theoretical Coverage	5.63 m²/L (80 μm)					
Drying Time	Surface Dry	1 hour (5°C)	30 minutes (20°C)	20 minutes (30°C)		
	Dry Hard	4 hours (5°C)	2 hours (20°C)	1 1/3 hours (30°C)		
Interval before Overcoating (by self)	Min.	8 hours (5°C)	4 hours (20°C)	2 hours (30°C)		
	Max.	— (5°C)	— (20°C)	— (30°C)		
Thinner	NIPPON MARINE THINNER 200 (0 ~ 5%, by volume)					
Application Method	Airless Spray	Tip range	0.53 ~ 0.59 mm			
		Fan angle	55° ~ 69°			
		Output pressure	100 ~ 150 kg/cm²			
	Brush	For touching up small areas only				
Packaging	Single Pack					
Japan Local Brand	UNIPRIME 20					
Flash Point	24°C					
	【Product produced and supplied in China】 30°C					
Surface Preparation	Blast cleaned to ISO-Sa 2 1/2 or power tool cleaned to St 3 is recommended.					
Safety	Take precautions to avoid skin and eye contact (i.e. gloves, goggles, face masks, barrier creams etc.)					
	Proper ventilation and protective measures must be provided during applications and drying period to keep solvent vapor concentrations within safe limits.					
	Prior to use, obtain, consult and follow the SDS for this product concerning health and safety information.					

<Note>

- 1) The information contained in this sheet is liable to modification from time to time in the light of experience and our policy of continuous product development.
- 2) For availability of product consult Nippon Paint Marine representatives.
- 3) Unit size and filled volumes can vary due to local regulations.
- 4) Store the paints in paint store.