

Marine Paint Manual

Reference No. 17 - 12
Issue Date: July 2019 (ES)

NEOGUARD BULCON

A super high-build, durable surface tolerant pure epoxy anticorrosive which has excellent substrate wettability and can be applied to hand tool-cleaned surfaces as well as directly over exiting coatings for maintenance and repair. It can be applied virtually anywhere, and even a single coat is effective in areas where heavy corrosion is anticipated or in places already rusted or pitted, providing high performance of rust protection.

Suitable Use	Filler for exposed areas, immersed area, internal areas and other ship areas (welding lines, edges, etc.)					
Type	Pure epoxy (Super high build / Surface tolerant / Two-pack)					
Color	Light Cream					
Gloss	Flat					
Volume Solids	90 ± 2% (ISO3233:1998)					
Typical Dry Film Thickness	1.0 ~ 2.0 mm					
Approx. Wet Film Thickness	1.1 ~ 2.2 mm					
Theoretical Coverage	0.90 m²/L (1 mm)					
Drying Time	Surface Dry	4 hours	(5°C)	2 hours	(20°C)	1 hour (30°C)
	Dry Hard	48 hours	(5°C)	16 hours	(20°C)	8 hours (30°C)
	Full Cure	14 days	(5°C)	7 days	(20°C)	5 days (30°C)
Interval before Overcoating (by self)	Min.	48 hours	(5°C)	24 hours	(20°C)	16 hours (30°C)
	Max.	7 days	(5°C)	5 days	(20°C)	3 days (30°C)
Thinner	— See Note 3)					
Application Method	Brush / Spatula					
Mixing Ratio by Weight	BASE 1.5 / HARDENER 1					
Pot Life after Mixing	2 hours (5°C) 1 hour (20°C) 30 minutes (30°C)					
Packaging	Two Packs					
Japan Local Brand	BULCON					
Flash Point	BASE 24°C, HARDENER 39°C					
Surface Preparation	<p>Remove rust or loose paint film with wire brush, chipping hammer, power brush, disc sander etc.</p> <p>All surfaces to be coated should be clean, dry and free from contamination.</p> <p>High pressure fresh water wash and remove all oil / grease, soluble contaminants and other foreign matters.</p>					
Safety	<p>Take precautions to avoid skin and eye contact (i.e. gloves, goggles, face masks, barrier creams etc.)</p> <p>Proper ventilation and protective measures must be provided during applications and drying period to keep solvent vapor concentrations within safe limits.</p> <p>Prior to use, obtain, consult and follow the SDS for this product concerning health and safety information.</p>					

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<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) Thoroughly mix Base and Hardener in specified amount with a mixing stick, a mixing knife, a spatula, etc.
- 3) In order to secure the film thickness, do not add thinner for dilution in principle.
- 4) Pot life at 20°C is 1 hour. At high temperatures such as in summer, only the amount needed for each application should be mixed.
- 5) Make sure to keep the designed film thickness (Standard thickness : 1 mm) by using a brush, a spatula, etc.
- 6) For availability of product consult Nippon Paint Marine representatives.