SEAJET 117 MULTIPURPOSE EPOXY PRIMER

Product description

Seajet 117 Multipurpose Epoxy Primer is a two component primer, durable and protects your boat against osmosis with 4-5 roller coats. Primer for combination with antifouling and two component topcoats. An ideal first coat for GRP and suitable as a first coat for aluminium substrates.

Product data

Colour	Silver grey (preferable underwater) and off white (preferable above water)
Flash point	32°C
Volume solids %	45 ±2
VOC (Theoratical)	443 g/l.
Pack sizes	1lt, 2.5lt, 5lt, 20lt set
Mixing ratio	Two pack product

Application details

Thinner	SEAJET THINNER E	
Application methods	Airless spray, brush, roller*	
Conditions	Ambient temperature	min. 5°C - max. 35°C
	Max. humidity	85% R.H.
	Product temperature	min. 5°C - max. 35°C
	Substrate temperature	min. 7°C - max. 35°C
Spray details	Nozzle tip	Graco 719, 619, 617, 519
	Paint output pressure:	15.0 - 18.0 MPa
	Thinning:	0 - 5% (by volume)
Spreading rate	10,0	m²/l (theoretical)
Recommended film thickness per coat	Wet (µm) 100	
	Dry (µm) 45	
Substrates	GRP, wood, steel, aluminium and alloys.	
Preceding coating	See also surface preparation.	
Subsequent coating	All SEAJET antifouling.	

Mixing	Add the hardener to the base whilst mixing. Stir well before use.			
Mixing ratio	Base: 67	Hardener: 33	(by volume)	
	Base: 73	Hardener: 27	(by weight)	
Notes	*Film thickness and spreading rate depends on application method. Values are based on roller application.			

Surface preparation

Degrease and clean using SEAJET THINNER E wiping to remove all contamination.
Bare GRP: Abrade using P80 abrasive paper followed by final cleaning.
Apply 2-3 coats of SEAJET 117 to achieve the required minimum film thickness of 150 microns DFT.
For osmosis protection apply 4-5 coats.
Bare aluminium and alloys: abrade using P80 abrasive paper followed by final cleaning.
Apply 3-4 coats of SEAJET 117 to achieve the required minimum film thickness of 200 microns DFT.
Steel hulls and metal keels: sand blast to SA 2½ or mechanical abrade bare areas.
Apply 4-5 coats to achieve the required minimum film thickness of 250 microns DFT.

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Drying / overcoating data

Temperature	Drying time (at DFT 50 µ)	Overcoating interval (at DFT 50 µ)	Induction time	Pot life	Dry to launch	Remarks
5 °C	Surface dry:1 hour Hard dry: 12,5 hours	Min.: 10 hours Max.: None	-	24 hours	-	* 28 days
10 °C	Surface dry:30 min Hard dry: 8 hours	Min.: 5 hours Max.: None	-	18 hours	-	* 28 days
20 °C	Surface dry:25 min Hard dry: 5 hours	Min.: 2 hours Max.: None	-	10 hours	-	* 28 days
30 °C	Surface dry:20 min Hard dry: 1.5 hours	Min.: 1 hour Max.: None	-	8 hours	-	* 28 days

Notes: * Mentioned maximum overcoat interval is for SEAJET Antifouling. - Maximum overcoat interval of SEAJET 117 with itself is free.
Drying times and overcoating intervals will increase with increasing film thickness applied.

General information

Storage
Store the containers in a dry, cool and well ventilated space and away from direct sunlight. Containers must be kept firmly closed. Handle with care.
Transportation
The product should stay in a securely closed container during transport.
Shelf life
Min. 3 years @ 20°C
Disposal
Do not empty into drains, dispose of this material and its container at hazardous or special waste collection point.
Additional information
More information can be found on www.seajetpaint.com.

Safety information

Personal Protection advice and additional information can be obtained from the product Safety Data Sheet from Chugoku Paints B.V. which is available on request. The minimum safety precautions in dealing with this paint are:
a. Observe the precautionary notices displayed on the container.
b. Provide adequate ventilation.
c. Avoid skin contact and inhalation of spray mist and vapours.
d. If the product comes into contact with the skin, wash thoroughly with luke warm water and soap or suitable cleaner. If the eyes are contaminated, irrigate with water and seek medical advice immediately.
e. Since the product contains flammable materials, keep away from sparks and open flames. No smoking should be permitted in the area.

Disclaimer

Data, specifications, directions and recommendations given in this data sheet represent test results or experience obtained under controlled or specially defined circumstances.Their accuracy, completeness or appropriateness under the actual conditions of any intended use is not guaranteed and must be determined by user. Product data is subject to change without notice and automatically void two years from issue. All legal relations of Chugoku Paints B.V. will be governed by the Uniform Terms of Sale and Delivery of Chugoku Paints B.V. as last filed with the district court of Rotterdam and upon request they will be made available without charge. Chugoku Paints B.V. explicitly rejects the applicability of any General Conditions, which its contractual parties may use. Exclusive jurisdiction: competent Court in Rotterdam.
Some products have been specially modified to adapt to specific European requirements with regard to European-, national- and local laws and regulations or with regards to specific European use requirements. As a result some physical properties in a TDS may differ from those given in the original Japanese TDS.