

Product Data Sheet

RELEST® Marine 522 AF EcoShip

Art. No. B-I522-5xxx

Product description

RELEST Marine AF EcoShip is a tin-free antifouling paint with self-polishing effect, improving the resistance to and long-term effect on marine organisms.

Compatible products

Thinner B-I101-0115

Application and Properties

- tin-free
- self-polishing effect

Overcoatable with

-

Substrates and Pretreatment

The surface preparation is decisive for the durability of all coating systems. Surfaces must be solid, clean, free of grease, wax, silicone, rust and dust and must be provided with a sound and suitable anticorrosive priming coat of sufficient film thickness. Remove non-solid old coatings. Clean, sand down solid old coatings, remove dust and check for compatibility.

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Instructions for use			
B-I522- 5xxx	by weight	by volume	
Mixing ratio	-	-	
Solids Content		~ 62 %	
Thinner	B-I101-0115		
Viscosity	~ 60 s / 6 mm		
Density ISO 2811-1	~ 1,91 g/cm ³		
Consumption	242 ml/m ²		
Film thickness	150 µm		
Pot life	-		
Color shade	blue, RAL 8019, red brown, black		
Gloss 60°	matt		
Binder system	special binder combination		
V.O.C. content	~ 350 g/l		
Application conditions		min.	max.
	Air and Object temperature	+5 °C	+35 °C
	relative air humidity		< 85 %
	Observe dew point.		
Overcoating time	Climate	minimum after	maximum after
	+5 °C	~ 12 h	-
	+10 °C	~ 8 h	-
	+20 °C	~ 5 h	-
	+30 °C	~ 4 h	-
Application	Spray pressure	Nozzle	B-I101-0115
Flow cup			
Compressed-air spraying			
Airless	5	0,53	max. 5 %
Airmix			
Drying time	dust dry	touch dry	resistant (water)
+5 °C	~ 3 h	~ 12 h	~ 24 h
+10 °C	~ 2 h	~ 8 h	~ 18 h

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+20 °C	~ 1 h	~ 5 h	~ 12 h
+30 °C	~ 30 min	~ 4 h	~ 10 h

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Application method

These data are reference values only. The spraying viscosity must be adapted to the conditions on site.

Ensure that the devices are clean during the application. Even traces of humidity considerably impair the quality and durability of the coating.

Spray application: Provide for dry spraying air by means of an efficient water separator.

Drying

Higher temperatures and higher air movement or exchange may accelerate the drying process, lower temperatures or higher film thicknesses slow down the drying process.

Storage/Transport conditions

The material is storable for approx. 24 months from date of manufacture in firmly closed original containers. Please observe the information on the container label. Seal open containers airtight and use up soon. Protect from frost, heat and humidity.

Safety measures

The information and safety advice on the containers as well as the respective accident prevention regulations of the responsible trade associations are to be observed at all times when working with this product. For further information, please see the Safety Data Sheets.

Safety instructions and disclaimer

The data contained in this publication are based on our current knowledge and experience. In view of the many factors that may affect processing and application of our products, these data do not relieve processors from carrying out their own investigations and tests; neither do these data imply any guarantee of certain properties, nor the suitability of the products for a specific purpose. Any descriptions, drawings, photographs, data, proportions, weights etc. given herein are for general information purpose only; they may change without prior information and do not constitute the agreed contractual quality of the products (product specification). With the publication of a new edition this publication is no longer valid. You will find the latest version on the Internet on www.relest.de or contact your sales partner. It is the responsibility of the recipient of our products to ensure that any proprietary rights and existing laws and legislation are observed.