



Product Data Sheet

NewPro Antifouling „Oceanic“

Self-removing antifouling also for ships with moderate velocity potential and longer idle periods. Reliable fouling protection through a balanced combination of organotin-free biocides.

Type approval number 500 006 Approved by "BG-Verkehr, Dienststelle Schiffssicherheit" on 15.09.2014 (approval certificate is valid until 14.09.2019)

German registration no. (acc. to regulation 98/8/EC) **N-341082**

application areas:

hull under water	+	holds	-
hull above water	-	interior	-
areas with condensation	o	deck buildings	-

Substrates / surface preparation:

substrates must be absolutely clean, dry and free of grease and dust

galvanized steel: copper-containing antifouling paints should not
light alloy / non ferrous metal: be used on galvanized substrates or surfaces
 made of light alloys or other nonferrous metals

structural steel, sheet steel: cleaning methods, primers and intermediate
cast iron: coatings adapted to the respective surface
stainless steel: according to preliminary tests in own
wood / wooden composite: responsibility
mineral substrate:

plastics:
old coatings, third party primers:

tie coat: NewPro TF Primer (shade) Article no.: 73133-xxxx

HANDLING AND APPLICATION

Storage stability: At least 12 months when stored in original, un-opened packages at temperatures between 15 and 25°C (60 - 85°F). Phase separation or slightly stirred bottom crust do not affect the quality of the coating. Storage temperatures above 40° C / 104° F should be avoided, because reaction of the binder may change the hue and viscosity of the material. Opened containers must be sealed well and used up as soon as possible.



thinner: NewPro special thinner Article no.: 03089-00580

application: Before application, the color shade and the compatibility with the substrate should be tested. Object-, material and ambient temperature should not be below 15° C (49° F) and not above 25° C (77° F) and must be at least 5° above the dew point. This paint is preferably applied by brush or roller.

The longest protection duration has been made by brushing 2 x 70 microns (2 x 2.8 mils) dry film.

For spraying, the product must be adjusted to the required viscosity for spraying method. During the spraying make sure that the user and other persons do not inhale spray mist.

theoretical

spreading rate:

at 070 microns (2.8mils) dry film thickness 07.3 m²/l = 4.2 m²/kg
= 140 microns (5.4 mils) wet film = 240 g/m² (0.44 lbs/yd²) 39.6 yd²/gal = 2.3 yd²/lb

at 100 microns (3.9mils) dry film thickness 5.1 m²/l = 2.9 m²/kg
= 200 microns (7.7 mils) wet film = 340 g/m² (0.63 lbs/yd²) 27.7 yd²/gal = 1.6 yd²/lb

drying time: (at standard climate 23°C (73°F) / 50 % rel. humidity and adequate air circulation)

dust-dry	approx. 01 hour
touch dry	approx. 04 hours
load resistant	
water	approx. 48 hours
mechanical stress	approx. 07 days
cured	approx. 10 days

Drying temperatures below 10°C / 50°F, relative humidity above 85% or not sufficient air circulation increases the drying time significantly.

Drying temperatures below 5°C / 41°F can cause film defects (blistering, loss of adhesion)

TECHNICAL DATA

(All values are average values - depending on shade of colour)

density: 1730 kg/m³

density (solids): 2550 kg/m³

solids: 75 Wt %

51 Vol-%

VOC content: 24.8 Wt %



classification to 2004/42/EC: VOC value: = 428 g / l

base of binder: Mixture of natural and synthetic resins
active ingredients: Dicopper oxide and other for this use qualified tin-free biocidal active ingredients
standard colour shade: red brown Article no.: 53184-81390-04 in stock
special colour shades: black Article no.: 53184-91440-04 on request
light red Article no.: 53184-34190-04 on request
viscosity on supply: ready to use for brush or roller application, flow time (DIN 53211)
not determinable

FILM CHARACTERISTICS

gloss: semi gloss to matt
stability: matching to the intended use

DELIVERY AND SHIPPING AMOUNTS

(subject to minimum order quantity):

1 pail with 10 l	=	17.3 ± 0.5 kg	2.20 gal	=	38.1 ± 1.1 lbs
1 pail with 20 l	=	34.6 ± 1.0 kg	4.40 gal	=	76.3 ± 2.2 lbs

other amounts on request.
not all colour shades are available in the container sizes cited.

HEALTH AND SAFETY / STORAGE / ENVIRONMENTAL DATA

Observe the universally applicable guidelines when handling and storing coating materials. Observe all hazard warnings and safety advice printed on the containers. For more details, please refer to the Material Safety Data Sheets.

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