POLYURETHAN 2:1 (TOPCOAT)

Technical information

Product components : Paint – component A
Hardener – component B

Volume: component A + component B : 750 ml, 15l.

Product description : High quality 2-part high gloss surface top coat

Recommended use : Particularly recommended to protect surface coating above the water line. Used to protect against water, sea atmosphere, scratches and color change under the influence of UV radiation.
Recommended use on surfaces made from: aluminum, steel, wood, laminate and surfaces primed with epoxy primer.

Physiochemical Characteristics:

Color:	white, ecru, red, navy blue, blue, green, grey, black
Gloss:	high
Solid parts:	53 ÷ 58% (depending on color)
Theoretical yield:	13÷14 m^2/dm^3 for thickness of 40 qm (dry)
Mixture density:	1,0 ÷ 1,1 kg/dm^3 (depending on color)
Coat thickness (WFT):	75 µm wet
Finish thickness (DFT):	40 µm dry

Preparing the surface : As a precoat, it is recommended to use Epoxy Lightprimer 5:1 Sea-Line®, Epoxy Anticorrosive 4:1 Sea-Line®, Epoxy Woodprimer 10:4 Sea-Line® or other compatible products.

Sand laminate surfaces or primers to uniform roughness (the sandpaper of gradation P320-P400). On small surfaces, use a cornering sander. Remove dust and clean with Sea-Line's de-greasing formula.

Surface must be clean and dry, temperature above dew point to avoid water condensation. Product temperature should be min 15°C - max 35°C. Ambient and surface temperature should be above 5°C and lower than 30°C.
High relative humidity or condensation within the first 24 hours after application may adversely affect the formation of coating

Method of application : Pneumatic spray gun; brush, roller.

Component mixing proportions: By volume (ml) — Topcoat : Hardener: 2 : 1

Do not exceed the recommended amount of hardener!

Thinner:
Dilution of mixture with the help of thinners for Polyurethane Sea-Line® systems (according to the attached table below):

- Brush/Roll - Brush Thinner Sea-Line®,
- Pneumatic Spraying - Polyurethane Thinner Sea-Line®,

COLOR	Brush/Roll Thinner Sea-Line®	Pneumatic Spray Thinner Sea-Line®
WHITE ecru	20 – 25 %	50 - 55%
red navy blue blue green grey black	15 – 20 %	45 – 50 %

When performing painting works, it is recommended to use one production batch of a given product.

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Mixing components:
Mix contents A and B together. Add the thinner and mix everything precisely once again. For brush and paint application it is recommended to wait ±10 minutes after mixing it with the thinner in order to deaerate the mixture.

Usable time of mixture :
approximately 3 hours at 20°C

Pneumatic spraying parameters :
Gravity Fed ∅: 1,3÷1,4mm,
Working pressure 2÷3 bar,

Number of coats:
1 ÷ 3 layers

Elapsed time before applying next coat without sanding :

	20°C	**10°C**
Spray aplication :	min. 30 minutes - max 3 days	min. 60 minutes - max 6 days
Brush / roll aplication :	min 4h - max 3 days	min 8h - max 6 days

Maximum recoating without sanding polyurethan is applied only when the surface is free from chalking and other contamination. If the primer coating was exposed to direct sunlight, it must be clean and sanding. The removal of the top layer will provide a good grip.

Hardening of coating:

	20°C	**10°C**
Dry to the touch:	6÷8 hours	12÷16 hours
Dry to polish:	24 hours	48 hours
Fully hardend:	7 days	14 days

The given times must be considered as guidelines only. The actual drying time may be longer or shorter and depends on film thickness, ventilation, humidity, etc.

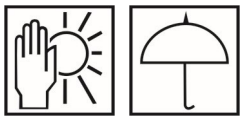
Further Work :
After setting, if necessary the surface can be sanded P1200-P2000 (finishing work).

After sanding, the surface should be polishing:
- polishing compound Sea-Line S1.
- finishing compound Sea-Line S2.

To protect the surface use S4 Protect wax or S5 Quick wax.

HSE conditions :
Please follow safety instructions from the technical data sheet for hazardous chemical and follow Polish workplace safety laws. The general rule is to avoid contact with skin and eyes. When using the product in a small, enclosed space you must provide forced ventilation. It is also recommended that you protect your respiratory system, eyes, and skin. Be particularly careful of fire as the product may explode.

Storage :



The product components must be stored in tightly closed containers, in facilities with the temperature 5-35°C, away from the sources of fire, heat, and sun rays. After every use, the containers shall be immediately closed. The hardener is moisture sensitive! Store tins in a dry place and keep them tightly closed until the moment of use. Even the smallest trails of water in mixed paint will cause shortening of use-by date and, as a result, flaws in surface.

Expiration date:
Paint (component A) - 12 months from the date of production.
Hardening agent (component B) - 12 months from the date of production.

Quality Guarantee :
Production, quality control, and the realization of deliveries fulfill the demands of ISO 9001 and 14001 standards.

All data in this document have been prepared for informational purposes. We can not take responsibility for the results of user actions over which we have no control. Responsibility of the user is to make the test sample and determine the suitability of the product for individual applications.Sea-Line do not take responsibility for any damages, or loss of profits associated with the improper use of the products.

All information is based on scrupulous laboratory research and many years of experience. Our position of market leadership does not free us from constant quality control of our products. However, we do not accept responsibility for the effects of improper use or storage of our products, or for the effects of using our products in any way contrary to the standards of good workmanship.

TROTON sp. z o.o. Ząbrowo.