

POLY-URETHAN TOPCOAT 2:1



Technical Data Sheet

This product is intended for professional use only.

Ingredients: TWO COMPONENT POLYURETHAN TOPCOAT

Description of product: High quality 2 part high gloss surface top coat

Recommended use: Particularly recommended to protect areas above water line against water, salt, scratches and UV radiation.
Recommended use on: aluminum, steel, wood, laminates and surfaces primed with epoxy primers.



Physiochemical Characteristics

Color: Color: white, ecru, red, green, grey, blue, black
Gloss: high
Solid parts: 53 ÷ 58% (depend on color)
Theoretical yield: ~ 13-14 m²/dm³ for tickness 40 µm dry
Proper weight: 1,0 ÷ 1,1 kg/dm³ ((depend on color))
Coat thickness (WFT): 75 µm wet
Finish thickness (DFT): 40 µm dry

Prior coating: LightPrimer GRP Epoxy Sea-Line®, Anticorrosive Epoxy Primer Sea-Line®, Epoxy Woodprimer Sea-Line®

Application data: 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 temperature min 5°C, max 30°C. High content of moisture in the air leading to water condensation on the worked upon surface may slow or otherwise disturb the new coat.

Application tools: Pneumatic spray gun; spray gun, paint brush, roller.

Proportions for mixing:

		Topcoat: Hardener
By volume		100 : 40
By weight		2 : 1

Thinner: Polyurethan thinner Sea-Line® (colour tables):



- paint/brush – Brush Polyurethan Thinner Sea-Line®,
- spray gun – Spray Polyurethan Thinner Sea-Line®,

Brush Thinner Sea-Line®	Spray Thinner Sea-Line®
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RAL 9010	RAL 1015	20÷25 %	50÷55 %
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RAL 9005 - 100 % black			
RAL 3003	RAL 7000	15÷20 %	45÷50 %
RAL 6029	RAL 5003		

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Mixing Mix contents thoroughly, add thinner. For brush and paint application wait 20-30 minutes for air pockets to disappear.
Mix contents thoroughly. Do not mix more of this product than you intend to use.

Usable time of mixture: 3 hours (20°C)
Pot life

Spray gun application: Gravity Fed Ø: 1,3÷1,4mm,
Working pressure 2÷3 bar,

Number of coats:



2 ÷ 3 layers

Coating data:

Dry to the touch:

20°C

10°C

Dry to polish:

6÷8 hours

12÷16 hours

Fully hardend:

24 hours

48 hours

7 days

14 days



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

Maximum primer recoating without sanding primer 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.

Safety

Please follow safety instructions from the technical data sheet and follow Polish workplace safety laws. Avoid contact with skin and eyes. When using the product in a small, enclosed space you must use forced ventilation. It is also recommended that you protect your respiratory system, eyes, and skin. Be especially aware of fire, as product may explode.

Storage

Base and hardener must be stored in tightly closed containers, in dry and cool compartments, away from fire, heat, and sun rays sources. Note: After each use the container with clearcoat and another container with hardeners shall be immediately closed! Protect against freeze and humidity!
Product contents should be kept in tightly sealed containers, in a cool, dry location, away from open flames, heat, and sunlight.
Caution: After every use, containers should be closed immediately!
Protect against freeze and humidity!

Expiration

Component A - 12 months from date of production.
Hardening agent - 12 months from date of production.

Quality Guarantee

Production, quality control, and the realization of deliveries fulfill the demands of ISO standards 9001 and 14001

All information is based on scrupulous laboratory studies and many years of experience. Being established in the market does not prevent us from constant quality control. However, we do not take responsibility for the results of improper use and storage, or the results of poor craftsmanship.

TROTON sp. z o.o. Zabrowo.