

# POLYURETHAN 2:1 (TOPCOAT)

## Technical Information

### Product 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: white, ecru, red, green, grey, blue, navy blue, black  
Gloss: high  
Solid parts: 53 ÷ 58% (depend on color)  
Theoretical yield: ~ 13-14 m<sup>2</sup>/dm<sup>3</sup> for tickness 40 qm dry  
Proper weight: 1,0 ÷ 1,1 kg/dm<sup>3</sup> (depend on color)  
Coat thickness (WFT): 75 µm wet  
Finish thickness (DFT): 40 µm dry

**Prior coating:** LightPrimer GRP Epoxy Sea-Line<sup>®</sup>, Anticorrosive Epoxy Primer Sea-Line<sup>®</sup>, Epoxy Woodprimer Sea-Line<sup>®</sup>

**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<sup>®</sup> (colour tables):

- Brush/Roll Polyurethan Thinner Sea-Line<sup>®</sup>,
- Spray Polyurethan Thinner Sea-Line<sup>®</sup>,

COLOR	Brush/Roll Polyurethan Thinner Sea-Line <sup>®</sup>	Spray Polyurethan Thinner Sea-Line <sup>®</sup>
WHITE	20 – 25 %	50 - 55%
RAL 1015 ecru		
RAL 3003 red	15 – 20 %	45 – 50 %
RAL 5003 navy blue		
RAL 5015 blue		
RAL 6029 green		
RAL 7000 grey		
RAL 9005 black		

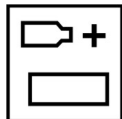
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#### Mixing



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 at 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  
6÷8 hours

10°C  
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 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. Ząbrowo.