

POLY-URETHAN CLEARCOAT 2:1



Technical Data Sheet

This product is intended for professional use only.

Ingredients: TWO COMPONENT POLYURETHAN TOPCOAT
Topcoat - composite A
Hardening Agent - composite B

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

Recommended use:



Especially recommended for painting wooden surfaces. It can be used as a primer and topcoat. Emphasizes natural-structural beauty of the wood and protects it against scratches and impact-me elements: salt water, UV rays and rain.

Physiochemical Characteristics

Color: clear
Gloss: high
Solid parts: 49%
Theoretical yield: $12 \div 13 \text{ m}^2/\text{dm}^3$ dla grubości $39 \mu\text{m}$
Proper weight: $0,99 \text{ kg}/\text{dm}^3$
Coat thickness (WFT): $80 \mu\text{m}$ wet coat
Finish thickness (DFT): $39 \mu\text{m}$ dry coat
VOC: 508 g/l

Prior coating: Wood surfaces should be sanded with sandpaper grit 280 ÷ 320th Then, thoroughly cleaned and degreased with Cleaner Sea-Line®.

Before final painting, it is recommended to prime the surface. To do this, apply 2 to 3 layers of diluted Polyurethan Clear Coat Sea-Line® or epoxy primer for wood Sea-Line®. After curing, the surface should be smooth paper with 320 to 400 grit, thoroughly cleaned and degreased. So the prepared surface ready for painting.

Application tools:

Pneumatic spray gun; paint brush, roller.

Proportions for mixing:

	Topcoat: Hardener
By volume	100 : 50
By weight	2 : 1

Thinner:



For wood primer is recommended to dilute the mixture in an amount of about 20% by volume of thinner for polyurethane systems Sea-Line®:

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

The final painting wood requires no solvents.

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:

Pot life

3 hours (20°C)

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Spray gun application:

Gravity Fed \varnothing : 1,3÷1,4mm,
Working pressure 2÷3 bar,

Number of coats:



Grounding the substrate: 2 ÷ 3 layers
Paiting 2 ÷ 4layers

Off time between coats - about 20 minutes.

Coating data:

Dry to the touch:

20°C

10°C

Dry to polish:

2 houers

4 houers

Fully hardend:

24 houers

48 houers

7 days

14 days



These time must be treated as a guide. The actual cure time may be longer or shorter, depending on the layer thickness, ventilation, humidity.

Elapsed time before applying next coat without sanding:

min. 20 minutes

min. 40 minutes

max 3 days

max 6 days

If the maximum time to paint is exceeded, surface is recommended to lightly sand paper of grit 320 ÷ 400th

Application Conditions

Surface must be clean and dry. Product temperature should be at least 10°C and up to 35°C. Ambient temperature and humidity should be above 10°C and lower than 40°C. High relative humidity during the first 24 hours after application to affect the formation of the coating.

Safty

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.

Expiration

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 clear coat 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 damands of ISO standards 9001 and 14001

Wszystkie informacje opierają się na skrupulatnych badaniach laboratoryjnych i długoletnim doświadczeniu. Ugruntowana pozycja na rynku nie zwalnia nas z ciągłej kontroli jakości naszych produktów. Jednak nie ponosimy odpowiedzialności za końcowe efekty przy niewłaściwym przechowywaniu lub użytkowaniu naszych wyrobów oraz za pracę niezgodną ze sztuką dobrego rzemiosła.

TROTON sp. z o.o. Ząbrowo.