

VARNISH POLYURETHANE CLEAR COAT (HIGH GLOSS)



Technical Information

Product 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÷13 m ² /dm ³ dla grubości 39 µm
Proper weight:	0,99 kg/dm ³
Coat thickness (WFT):	80 µm wet coat
Finish thickness (DFT):	39 µm 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
Painting 2 ÷ 4layers

Off time between coats - about 20 minutes.

Coating data:	20°C	10°C
Dry to the touch:	2 houers	4 houers
Dry to polish:	24 houers	48 houers
Fully hardend:	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 P320 ÷ P400

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 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.