Technical Data Sheet

POLYURETHANE 2:1 CLEAR COAT

PRODUCT DESCRIPTION

Two pack polyurethane varnish high gloss.

Is characterized by high coating strength, UV resistance, maritime atmosphere and scratches. Varnish can be used as a topcoat and primer. Doesn't change color of wood and after hardened can be polish. Particularly recommended to protect surface above water line and for interiors, optionally can be used below water line but it doesn't protect against fouling. Product for professional use only.

PRODUCT INFORMATION

SURFACE TYPE	wood, paints and varnish 2K
COLOR	transparent
GLOSS	gloss
VOLUME SOLIDS	49%
DENSITY	0,99kg/l
VOC	501,56g/l 568,51g/l (+20%)
MIXING RATIO	2:1 by volume (ml)
THEORETICAL COVERAGE	12÷13m²/litr for thickness 80µm (WFT) / 40µm (DFT)
METHODE OF APPLICATION	Brush, roll, pneumatic spray gun

INSTRUCTION FOR USE

SURFACE PREPARATION

WOOD sand surface using abrasive paper P280-P320, along wood grain on dry. Remove dust and degrease surface using Sea-Line Cleaner. Before final painting, is recommended to prime the surface. To do this, apply 2 to 3 layers of diluted Polyurethan Clear Coat Sea-Line.

PAINTS AND VARNISH 2K in good condition, salt and other contaminations remove with pressurized fresh water after that wait until surface is dry. Sand surface to uniform roughness using abrasive paper P320-P600. Remove dust and degrease surface using Sea-Line Cleaner.

PRODUCT PREPARATION

This product is two pack product. Always mix the ingredients according to the mixing ratio. Component A is the base, Component B is the hardener. Once mixed, set should be used before pot life expiration- see chapter pot life. For diluting products, add thinner recommended by producer in proper mixing ratio. Thinning level depends on method of application, tools, air temperature, paint viscosity. Percentage dilution ratio see in chapter thinning. Mix all components thoroughly and wait for air bubbles to disappear.

MIXING RATIO

2:1 volume (ml)

THINNING

For thinning it is recommend to use Sea-Line Thinner for polyurethane. Depending on method of application choose:
Thinner for brush or roll application
Thinner for spray application

Function	Brush/roll	Pneumatic spray
Primer	15-20%	15-20%
Topcoat	0-5%	0-5%

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APPLICATION

Number of coats Priming 2-3 layers (number of layers can changed, all depends on different wood humidity and absorptivity)
Topcoat 2-4 layers

Pot life 3h (20°C)

Spray parameters	Pneumatic spray
gravity fed	1,3 - 1,4 mm
pressure	2-3 bar

CURING INFORMATION

Temperature	Overcoating interval	Dust dry	Dry to polish	Fully hardened
20°C	minimum 20 min	2 h	24 h	7 days
10°C	minimum 40 min	4 h	48 h	14 days

The given times must be considered as a guideline only. The actual drying time may be longer or shorter depending on film thickness, ventilation, humidity etc.

IMPORTANT NOTES

Product temperature should be minimum 10°C and max. 35°C. Ambient and surface temperature should be more than 10°C and lower than 40°C.
High relative humidity or condensation within the first 24 hours after application may adversely affect the formation of coating.
Do not apply two pack paint over one pack products. Avoid painting in direct sunlight.
For degreasing, use Sea-Line Cleaner.
It is not recommended to paint surfaces which were previously protected with oils or products containing oils.
It is not recommended for oily wood types like teak, ipe, etc.
Immersion should be done only after when the last layer of primer and topcoat paint have hardened. When polyurethane is painted below water line, boat shouldn't be on the water all the time, after sailing boat should be pulled out from the water.

FURTHER WORK

When occur paint film defects, it can be removed by sanding surface P1200-P1500 as a finish gradation and after that use polishing compound
S1 PREMIUM ONE STEP CUT & HIGH GLOSS
S1 SOFT CUT & GLOSS
Finish stage:
S2 EXTRA SHINE HOLOGRAM REMOVER
Protect surface:
S5 QUICK WAX

STORAGE AND SAFETY INFORMATION

SHELF LIFE

Base (component A) 12 months from production date
Hardener (component B) 9 months from production date

STORAGE

Product components should be stored in tightly sealed containers, in a temperature of 10-25°C, away from sources of fire, heat and sunlight. Close container tightly immediately after each use. Store in a dry place and keep sealed cans until use.
The hardener is moisture sensitive! Store tins in a dry place and keep them tightly

	closed until next use. Even the smallest trails of water in mixed paint will cause shortening of use-by date and, as a result, flaws on the surface.
HSE CONDITIONS	Please follow safety instructions from the Safety Data Sheet for hazardous chemical and follow workplace safety laws. The general rule is to avoid contact of the product with the skin and eyes. When product is used in a small, closed spaces you must provide forced ventilation. It is also recommended that you protect your respiratory system, eyes, and skin. Special care should be taken in the area of fire protection and explosion hazards. **Notice ! Always follow all precautionary, health and safety notice on the Safety Data Sheet and container labels.**
DISCLAIMER	All data in this document have been prepared for informational purpose only. We can not take responsibility for the results of user actions over which we have no control. The user is responsible for making the control sample and determining the suitability of the product for specific, individual applications. Company Troton Sp. z o.o. does not take responsibility for any damage, 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 the effects of using our products in any way contrary to the standard of good workmanship.
QUALITY GUARANTEE	Production, quality control and the realization of deliveries fulfill the demands of ISO 9001 and 14001 standards.