

# TOP MODELCOAT 2:1



## Technical information

### Product components :

Polyester topcoat – component A  
Hardener – component B

### Volume:

component A + component B : 750 ml, 15 l.

### Product description :



High quality 2-part high gloss surface topcoat to use on moulds and forms.  
Top Modelcoat is:

- resistance to mechanical damage.
- easy mixing and application.
- high performance.

### Recommended use :

Top Modelcoat to use on moulds and forms.

Top Modelcoat has:

- temperature resistance arising in the process of curing resins.
- resistance to chemicals contained in a gelcoats and resins (Styrene).

### Physiochemical

#### Characteristics:

Color: Grey  
Gloss: High gloss  
Solid parts: 60%  
VOC: 467 g/l  
Density of mix for application: 1,22 kg/l  
Theoretical output: ÷ 12 m<sup>2</sup>/l  
Coat thickness (WFT): 60-70 µm wet  
Finish thickness (DFT) 40-45 µm dry

### Preparing the surface :



As a precoat, it is recommended to use Epoxy Lightprimer 5:1 Sea-Line<sup>®</sup> or other compatible products.

Sand laminate surfaces or primers to uniform roughness (the sandpaper of gradation P320-P400). On small surfaces, use a cornering sander. Remove dust and clean with Sea-Line's degreasing formula.

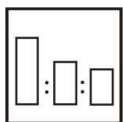
Surface must be clean and dry, temperature above dew point to avoid water condensation. Product temperature should be min 15°C - max 35°C. Ambient and surface temperature should be above 5°C and lower than 30°C.

High relative humidity or condensation within the first 24 hours after application may adversely affect the formation of coating.

### Method of application :

Pneumatic spray gun; brush, roller.

### Component mixing proportions:



By volume (ml)  
By weight (g)

Topcoat : Hardener:  
2 : 1  
100 : 46



#### Thinner:

Dilution of the mixture with a Top Modelcoat Thinner.

It is recommended to add thinner to the mixture in ratio 25 ÷ 35 % by volume.

Spraying Viscosity: about 17°C - 20°C

Add the thinner and mix everything precisely.

For brush or paint application it is recommended to wait 20-30 minutes after mixing it with the thinner in order to deaerate the mixture.

### Usable time of mixture :

approximately 6 hours at 20°C

# TOP MODELCOAT 2:1



## Technical information

### Pneumatic spraying parameters :



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

### Number of coats:

1 ÷ 3 layers

### Hardening of coating:

Dry to the touch:

20°C

6÷8 hours

Dry to polish:

24 hours

Fully hardend:

7 days



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

### Further Work :

After setting, if necessary the surface can be sanded P1200-P2000 (finishing work).

After sanding, the surface should be polishing:

- polishing compound Sea-Line S1.

### HSE conditions :

Please follow safety instructions from the technical data sheet for hazardous chemical and follow Polish workplace safety laws. The general rule is to avoid contact with skin and eyes. When using the product in a small, enclosed space you must provide forced ventilation. It is also recommended that you protect your respiratory system, eyes, and skin. Be particularly careful of fire as the product may explode.

### Storage :



The product components must be stored in tightly closed containers, in facilities with the temperature 5-35°C, away from the sources of fire, heat, and sun rays. After every use, the containers shall be immediately closed. The hardener is moisture sensitive! Store tins in a dry place and keep them tightly closed until the moment of use. Even the smallest trails of water in mixed paint will cause shortening of use-by date and, as a result, flaws in surface.

### Expiration date:

Paint (component A) - 12 months from the date of production.

Hardening agent (component B) - 9 months from the date of production.

### Quality Guarantee :

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

---

All data in this document have been prepared for informational purposes. We can not take responsibility for the results of user actions over which we have no control. Responsibility of the user is to make the test sample and determine the suitability of the product for individual applications. Sea-Line do not take responsibility for any damages, 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 for the effects of using our products in any way contrary to the standards of good workmanship.

TROTON sp. z o.o. Ząbrowo.