

Technical data sheet

AQUALUX SHIELD TOP

water-based protective coating



Description

AQUALUX SHIELD TOP is a water-based, one-component, colourless protective coating that provides the protected surfaces additional resistance to mild chemicals, impact and wear. The product is environmentally friendly, non-flammable and non-toxic. It is characterized by good hardness, elasticity and UV resistance.

Typical use

It is used to protect internal and external joinery, furniture, wooden kitchen fronts and other internal and external surfaces exposed to stronger mechanical wear.

Product range

Colourless

Gloss

Semiglossy

Density

1.03 kg/l (EN ISO 2811-1)

Thinning

If necessary, with water

Non-volatile-matter content

by weight: 40 % (EN ISO 3251)

Volatile organic compounds content

VOC: A(i), 140 g/l; max. 60 g/l (EN ISO 11890-1)

Properties according to EN 13300

Largest grain size (granularity) (EN ISO 1524)	Fine <100 µm
Wet scrub resistance (EN ISO 11998)	Class 1
Gloss (EN ISO 2813)	Semiglossy

Surface preparation

The surface must be dry and clean of dirt. The previous coating (Aqualux strong, Aqualux topcoat, Aqualux lasur, Aqualux shabby chic) must be lightly sanded with P320 sandpaper and all dust must be thoroughly removed.

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Safety measures

Read the Safety Data Sheet before use.

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. Keep out of reach of children. Prevent release to the environment. Use appropriate personal protective equipment.

Application

Stir well before use!

The coating can be applied with brush or short-haired roller in 2-3 layers on dry, lightly sanded and dedusted surface previously coated with Aqualux group of products. Intercoat sanding is performed with sandpaper P320 or finer. The packaging with the remaining coating should be closed immediately after partial use.

After use thoroughly wash tools with water.

For any additional information please contact a Chromos-Svjetlost technical advisor.

Working conditions

air temperature: min. +10 °C

relative humidity: max. 75 %

substrate temperature: min. +10 °C

Consumption

typical	theoretical consumption [l/m ²]
	0,1 in 1 layer

Drying time

surface temperature [°C]	touch dry [h]	through dry [h]	overcoating interval	
			min. [h]	max. [d]
20	0,5	48	4	—*

* The maximum overcoating interval is unlimited when the surface before overcoating shows no signs of chalking or any other contamination. Otherwise it is necessary to clean the surface in order to enable suitable adhesion of subsequent coat.

Shelf life

2 years in an original, unopened package.

Transport and storage

Store in a dry and well-ventilated place out of direct sunlight and at a temperature between +5 °C and +25 °C. Protect from freezing during winter.

Product and packaging disposal

Empty the packaging completely. Dispose of in accordance with valid regulations.

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Quality control

Product quality characteristics are determined by internal production specifications, as well as European and Croatian standards. The product is under constant supervision of factory quality control and a corresponding certificate can be issued upon request.

Disclaimers

Before using the product, please check its quality. In case of any major deviations from the declared properties of the product, stop the use and contact the manufacturer; otherwise any subsequent complaints will not be accepted.

Technical data are the result of our technical and experimental knowledge, and are provided with the intention of achieving optimal results in working with Chromos-Svjetlost products. The data does not contain a legal or secondary obligation of the manufacturer nor does it release the user from the obligation to check the suitability of the product for particular purpose. Due to the use of natural raw materials in our products, minor deviations from certain values are possible for individual deliveries. Contact our Technical service before use on substrates not listed in the accompanying documentation. The manufacturer reserves the right to make any subsequent changes to the Technical Data Sheet. Only the latest edition is valid. Updated Technical Data Sheets can be found on the website www.chromos-svjetlost.hr or can be requested from the manufacturer via the contact e-mail address below. Contact our Technical service for more detailed information. Read the safety labels on the product packaging before use. Safety Data Sheet is available on request via e-mail: msds@chromos-svjetlost.hr.

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