

VERNICE CUTTER[®] LUCIDA U.V.

One component glossy polyurethane thixotropic varnish added with U.V. filters

NATURE AND USE

One component glossy varnish, superior quality, non-yellowing, for use also in aggressive environments of marine-coastal type.

Cutter Lucida U.V., is purposely designed for the protective and aesthetic treatment of wood.

Thanks to its thixotropic nature, to its excellent brushability as well as to the good flow of the applied film, the product is recommended as a high quality and special finish also for the coating of boat topsides, furniture, fastenings, etcetera.

The product is enriched with U.V. filters for a superior resistance to yellowing.

TECHNICAL DATA



Type of binder:	Alkyd Urethane
Specific gravity:	Kg/l 0,92 ± 0,05 @ 20°C
Solids by Weight:	% 55 ± 3 %
Solids by Volume:	% 52 ± 2 %
Colour/appearance of the applied film:	Transparent, Glossy

SUBSTRATE PREPARATION

New wood:

Seasoned and dry (R.H. ≤ 15%), cleaned, sandpapered (P 120-180) and dust free.

As impregnating agent or first coat of varnish, apply 1 coat of **Kristall V10** varnish, Thinning 50%.

Filling coats: Vernice Kristall V10 or Kristall Tixo U.V. (3 – 4 coats)

For a painting “Close pore” effect @ +20°C, sandpaper and apply 4 coats minimum of thinned **Vernice Cutter Lucida U.V.** 8 – 12 hours minimum recoat interval between each coat (spray application) or 24 hours minimum (brush/roller application).

After 7 days sand between each coat with fine grained abrasive paper P320.

Wood previously coated:

Wash with soft water. When the substrate is completely dry (R.H. ≤ 15%), check if the varnish and the solvent are compatible with the coats already applied below (should any softening appears, remove the old coat of paint down to bare wood, then follow the same instructions given for the new wood), sand with abrasive paper grain P280-320 and remove all dust.

Apply 2 coats of thinned product recoat interval minimum 8 – 12 hours between each coat (spray application) or 24 hours (brush/roller application).

PRODUCT PREPARATION

Stir the product in its original can, thinning if necessary.

Let the mixture rest for 5 – 10 minutes in order to allow the air entrapped in it to outgas before applying the product.

APPLICATION DETAILS

Application method:	Conventional spray Roller, brush
Thinning:	10 – 20 % Spray application 10 – 15 % Brush or roller application

MTDS 03018/ Page 1 of 2

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Company with quality management system UNI EN ISO 9001:2015 certified

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	different thinning % can be necessary according to the absorption of the substrate and the thickness required
Thinner:	SINT209 Spray application SINT77 Brush and roller application
Cleaning:	SINT77
Drying @ +25°C:	Touch dry 6 - 8 hours Sandpapering after at least 7 days Full cured 7 days
Recoat interval @ +20°C:	8 – 12 hours Spray application 24 – 36 hours Brush / Roller application
Application Ambient Temperature:	Between +5°C and +35°C
Suggested Temperature of the product:	+20 ÷ +30°C
Substrate Temperature:	+5 / +40°C always at least +3/5°C above dew point
Relative Humidity:	≤ 80%
Suggested thickness:	40 – 50 µm dry film thickness (DFT)
Theoretical spreading rate:	sqm/l 10 per coat at a dry film thickness of 50 µm (DFT)

HANDLING STORAGE AND SAFETY PRECAUTIONS

Warning: All handling and/or use activities of the product must strictly refer to the given indications in the Safety Data Sheet. The following advices are suggested by the common sense and in good faith, they are uncompleted and do not substitute the content of the specific safety data sheet of the product.

Handling: The material must be used only by professional and qualified applicators suitably trained. All the operations involving the use of the product, must be carried on in compliance with all the relevant National Health, Safety & Environmental Standards and Regulations.

Precautions: When the product is used inside enclosed areas (i.e rooms, containers, vessels) it is imperative to provide the necessary air circulation using adequate means and must be granted during the whole time required by application and coating polymerization, to avoid conditions open to potential explosion danger. All electrical installations must always be grounded. Where explosion hazards exist, the workmen should be required to use only non-ferrous tools and wear conductive non-sparking shoes and clothing. Explosion and flame-proof equipment too are imperative.

Storage and transport: Keep far from flames, sparks or heat sources. Do not leave exposed under the direct solar action. Store under shelter in original unopened packaging, in cool, dry and ventilated areas, at ambient temperatures between +5°C and +35°C.

Shelf life: 12 months in the suggested storage conditions (original unopened packaging)

N.B.: Product for professional use only
and exclusively for the uses not regulated under CE Directive 2004/42/CE.

Refer to Material Safety Data Sheet

Access catalogues, data sheets and company presentations

MTDS 03018/ Page 2 of 2



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