

NATURE AND USE

One component polyurethane non-yellowing topcoat enamel, providing high resistance also in aggressive environments such as marine and coastal ones. Thanks to its good brushability and flow of the applied film, **Cutter** is considered the excelling topcoat for one component coating systems in maintenance and new systems for structures or pieces parts in the Yachting sector.

Maximum resistance during time to atmospheric agents, fastness stability, high spreading rate.

Cutter is available in two versions: glossy (see colour card) and mat satin (black and white). The satin matt version is recommended for interiors as it is more subject to variations in the aesthetic appearance.

TECHNICAL DATA



Type of Binder:	Urethane – Alkyd
Specific gravity:	Kg/l Glossy 1,00 - 1,20 ± 0,10 @ +20°C (According to the colour) Mat 1,20 - 1,30 ± 0,10 @ +20°C (Black or white)
Solids by Weight:	% 65 ± 5 % according to the colour
Solids by Volume:	% 55 ± 5 % according to the colour
Colour/appearance of the applied film:	Glossy Coloured (refer to colour card) Mat satin (White, Black) for interiors

SUBSTRATE PREPARATION

New steel:

When it is not possible to sandblast, remove all traces of rust and mill scale by mechanical brush or abrasive disk. Remove dust and brushing residuals, clean the substrate by a cloth soaked in thinner “**Sint77**” or “**Sint 209**”. After preparation of the substrate, apply immediately 1 coat of rust preventer and then a second one. Apply 2 coats of “**Cutter**” enamel, recoat interval 24 hours between each coat.

Steel previously coated:

Scrape off the flaking paint, if any; remove rust by a mechanical brush or abrasive disk and sand the substrate with medium grained abrasive paper (P280-320). Remove dust and brushing residuals and clean the substrate with a cloth soaked in Thinner “**Sint 77**”.

Apply immediately one coat of rust preventer on the areas brought back to metal.

Fill the imperfections, if any; sand again with abrasive paper and apply 1 coat of undercoat “**Intercoat AK85**” on the whole substrate. Let it dry for 18-24 hours and finish the substrate with 2 coats of “**Cutter**” enamel, recoat interval 24 hours between each coat.

New wood:

On a dry substrate, seasoned and clean, apply a first coat of wood impregnating agent to protect it from woodworms and mildews (let it dry for 4 days). If necessary, fill the imperfections with suitable filler for wood, and after 24 hours sand the substrate with abrasive paper. Then apply one/two coats of undercoat “**Intercoat AK85**”. Let it dry 24 hours, then finish with two coats of “**Cutter**”, recoat interval 24 hours between each coat.

Wood previously coated:

Scrape off the flaking paint and sand the substrate with medium-grained abrasive paper (280-320). Wash with soft water and neutral detergent then rinse thoroughly. When the substrate is completely dry (R.H. ≤ 15%), fill the imperfections, if any, with a suitable filler for wood and after 24 hours sand again the substrate.

Remove dust and apply 1 coat of undercoat “**Intercoat AK85**”. Let it dry for 18-24 hours, then finish the substrate with 2 coats of “**Cutter**” enamel, recoat interval 24 hours between each coat.

PRODUCT PREPARATION

Stir the product in the original can, thinning if necessary, to get a complete homogenization.
Wait for 5-10 minutes before applying to allow the air entrapped to outgas. Then apply the product.

APPLICATION DETAILS

Application method:	Standard spray equipment Roller, brush
Thinning:	10 - 25 % Spray application 10 - 20 % Roller, brush application different thinning % can be necessary according to the absorption of the substrate and the thickness required
Thinner:	SINT77 Spray application SINT77 Brush and roller application
Cleaning:	SINT77
Drying @ +25°C:	Dust dry 3 - 5 hours Sandpapering after at least 7 days Full cured 7 days
Recoat interval @ +20°C:	18 - 36 hours
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 11 - 13 per coat at the suggested dry film thickness

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