

STOPPRIMER VTR

Two component Primer for Fiberglass

NATURE AND USE

Two-component polyester paint recommended as keying undercoat/primer for coating systems to be applied on fiberglass and plastic. Special for use in the boat market, the product allows the overcoating with epoxy, synthetic and polyurethane paints.

TECHNICAL DATA



Type of binder:	Polyester
Specific gravity A+B:	Kg/l 1,50 ± 0,05 @ +20°C
Solids by Weight:	% 70 ± 2 % A+B
Solids by Volume:	% 48 ± 2 % A+B
Mixing Ratio by Weight:	84 parts of Base / 16 parts of Hardener
Mixing Ratio by Volume:	100 parts of Base / 30 parts of Hardener
**Pot life @ +20°C:	≥ 4 hours
Colour/appearance of the applied film:	White/Satin

SUBSTRATE PREPARATION

Gel Coat:

Dry sandpapering with paper grain P120-P180. The substrates should be completely dry (R.H. ≤ 0,8%), free from grease, oil and any other contaminant, perfectly roughened and thoroughly dust free. Apply 2 coats of StopPrimer VTR for a total dry film thickness of 90 – 100 µm (DFT)

Old paints (two component):

Remove completely the old flaking paints. Sandpaper with paper grain P240-P280 and remove dust, then apply two coats of StopPrimer VTR for a total dry film thickness of 90 – 100 µm on a substrate roughened, completely free from all contaminants and thoroughly dust free.

PRODUCT PREPARATION

Homogenize separately the Base and the Hardener in the supply original cans.

Mix Base and Hardener in the right proportions stirring the mix obtained for 5 minutes to get the complete homogenization. Let it rest for another 5 minutes before application.

** The "POT LIFE" time of two components products (time within which it is possible to apply the paint mix of Base and Hardener), is exponentially dropped by the increase of product temperature.
Note: The use of a mix of paint (Base + Hardener) over the POT LIFE time is irreparably compromising all the properties of the coating film.**

APPLICATION DETAILS

Application method:	Standard airless spray with minimum compression ratio 45:1, Conventional spray Roller, brush
Thinning:	10-20% Spray application (thinner PUR11) 10-20% Brush or roller application (thinner SINT71) different thinning % can be necessary according to the absorption of the substrate and the thickness required.
Thinner:	PUR11 or SINT71

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Cleaning:	Thinner PUR11
Hardening at +25°C:	Touch dry 1 - 2 hours Sandpapering after 16 - 24 hours Full-cured in 10 days
Recoat interval at +20°C:	minimum 1 hour / max 8 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:	~ 100 µm dry film thickness (DFT) in 2 coats
Theoretical spreading rate:	sqm /l 9,6 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 material and its components must strictly refer to the given indications in the Safety Data Sheet (Base and Hardener). The following advices are stated by common sense and in good faith, they are uncompleted and do not substitute the content of each 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 in enclosed areas (rooms, containers, vessels, etc.) it is imperative to use adequate means providing the necessary air circulation, to be granted during the whole application and coating polymerization time, also 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 required.

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

Shelf life: **Base** 12 months in the suggested storage conditions (original unopened packaging)
Hardener 6 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

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