

Interfill 830

Fillers

Epoxy Profiling Filler



PRODUCT DESCRIPTION

Interfill 830 is the best choice for profiling above and below the waterline on Steel, Aluminium and Composite hulls. The special 2-component light grey epoxy formulation can fill up to a thickness of 2cm (20,000 microns) in one coat without the risk of sagging/slumping @ 23C°.

- * Low density composition
- * High strength and impact resistance
- * Easy sanding
- * Waterproof

When sanded, the surface of the Interfill 830 is smooth enough to be directly overcoated with Interprime 820 high build epoxy primer. Interprotect or Interprime 880 may also be used. Interfill 830 is particularly suitable for application over large areas.

PRODUCT INFORMATION

Colour	YAA867
Finish	Matt
Specific Gravity	0.75
Volume Solids	100%
Mix Ratio	1:1 by volume (as supplied) Mix ratio by weight: 1.15:1 YAA867: YAA868
Converter/Curing Agent	YAA868
Typical Shelf Life	2 yrs
VOC (As Supplied)	77 g/lit
Unit Size	5 Lt 20 Lt

DRYING/OVERCOATING INFORMATION

	Drying							
	10°C (50°F)		15°C (59°F)		23°C (73°F)		35°C (95°F)	
Sandable	48 hrs		28 hrs		19 hrs		13 hrs	
Pot Life	75 mins		55 mins		45 mins		20 mins	

	Overcoating							
	Substrate Temperature							
	10°C (50°F)		15°C (59°F)		23°C (73°F)		35°C (95°F)	
Overcoated By	Min	Max	Min	Max	Min	Max	Min	Max
Epoxy GP Coating	5 days	-	3 days	-	2 days	-	1 days	-
Interfill 833	-	-	28 hrs	-	19 hrs	-	13 hrs	-
Interprime 820	5 days	-	3 days	-	2 days	-	1 days	-
Interprime 880	5 days	-	3 days	-	2 days	-	1 days	-
Interprotect (Professional)	5 days	-	3 days	-	2 days	-	1 days	-

Note: Once the sandable time has been exceeded, all fillers should be sanded before overcoating to promote good adhesion. A sanded filler may be left for a period up to 3 months before being overcoated with further epoxy filler or with Interprime 8-series. After 3 months the filler must then be re-sanded before overcoating. It is recommended that Interfill 830 should be used at temperatures above 10°C/50°F. If the temperature falls below 10°C/50°F during the curing process, ensure that additional time is allowed before overcoating the product with solvent based epoxy primers.

APPLICATION AND USE

Preparation

All substrates must be primed, clean and dry.

PREVIOUSLY PAINTED SURFACES

In Good Condition Wash down with Super Cleaner, rinse with fresh water and allow to dry. Sand with 80-180 grade (grit) paper.

In Poor Condition Remove all previous coatings and prime the substrate.

STEEL/ALUMINIUM Prime with Intergard 269 or Interprime 820.

BARE WOOD Prime stable constructions only, with Interprime 820.

GRP For osmosis treatment follow the Gelshield specification ensuring the Interfill 830 is only used during STAGE 2.

BARE GRP/COMPOSITE Sand with 80-180 grade (grit) paper.

If left for longer than 24 hours, two component epoxy primers and fillers will need sanding with 80-180 grade paper to ensure a good physical key.

Method

Mix the two components thoroughly to an even colour. Remove any dust from the surface. Apply firmly in a spreading

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action. When hardened, sand smooth with 80-180 grade wet or dry paper. Interfill 830 may be overcoated with itself or with Interfill 833 as soon as it is cured enough not to be lifted during the screeding process.

Hints	Thinner International GTA220 for equipment cleaning only. Thinning Do not thin. Ventilation and Humidity Control Avoid conditions of low temperatures coupled with high humidity as this can result in the formation of a surface by-product which will need to be removed by detergent wash followed by fresh water rinse, or by sanding, prior to the application of any subsequent layers. Other Spread mix out on a board to avoid excess heat build up and to keep the working life as long as possible. When fairing a hull, two or three 'cross coats' of Interfill 830 will ensure the desired shape is obtained. Where large areas have been faired, sand with a longboard to allow for the curvature of the hull.
Some Important Points	Do not use unless mixed thoroughly with the curing agent at specified ratio. Variations in temperatures may affect the application properties of Interfill 830. Do not apply more than recommended WFT at any one time. Do not use below 10°C/50°F. Do not thin. Do not wipe down cured filler with thinners/solvents. Substrate temperature should be minimum 10°C and maximum 35°C. Product temperature should be minimum 10°C and maximum 35°C. Ambient temperature should be minimum 10°C and maximum 35°C.
Compatibility/Substrates	Do not use on traditional wood constructions where the wood will expand and contract through changes in the moisture content. Interfill 830 should be applied over cured epoxy primers or fillers or onto cured GRP/Composite. Interfill 830 may be overcoated with Interfill 833, Interprime 820, Interprime 880 or Interprotect. Gelshield 200 or Gelshield Plus may be used over Interfill 830 within osmosis schemes.
Number of Coats	As required
Coverage	(Theoretical) - 0.2 m ² /lt @ 5000 micron (200 mil) WFT.
Recommended DFT per coat	Up to 20000 microns dry by Trowel or Batten.
Recommended WFT per coat	Up to 20000 microns wet by Trowel or Batten.
Application Methods	Batten, Knife, Trowel

TRANSPORTATION, STORAGE AND SAFETY INFORMATION

Storage	GENERAL INFORMATION: Exposure to air and extremes of temperature should be avoided. For the full shelf life of Interfill 830 to be realised ensure that between use the container is firmly closed and the temperature is between 5°C/41°F and 35°C/95°F. Keep out of direct sunlight. TRANSPORTATION: Interfill 830 should be kept in securely closed containers during transport and storage.
Safety	GENERAL: Read the label safety section for Health and Safety Information, also available from our Technical Help Line. DISPOSAL: Do not discard tins or pour paint into water courses, use the facilities provided. It is best to allow paints to harden before disposal. Remainders of Interfill 830 cannot be disposed of through the municipal waste route or dumped without permit. Disposal of remainders must be arranged for in consultation with the authorities.
IMPORTANT NOTES	<i>The information given in this sheet is not intended to be exhaustive. Any person using the product without first making further written enquiries as to the suitability of the product for the intended purpose does so at their own risk and we can accept no responsibility for the performance of the product or for any loss or damage (other than death or personal injury resulting from negligence) arising out of such use. The information contained in this sheet is liable to modification from time to time in the light of experience and our policy of continuous product development.</i>

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