

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 @ 23°C.

- * Fast curing at lower temperatures
- * 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 may also be used. Interfill 830 is particularly suitable for application over large areas at lower temperatures and also for filling smaller areas when rapid sanding or overcoating is required.

PRODUCT INFORMATION

Colour	YAA867
Finish	Matt
Specific Gravity	0.74
Volume Solids	100%
Mix Ratio	1:1 by volume (as supplied) Mix ratio by weight: 1.17 : 1 YAA867:YAA869
Converter/Curing Agent	YAA869
Typical Shelf Life	2 yrs
Unit Size	5 Lt 20 Lt

DRYING/OVERCOATING INFORMATION

	Drying							
	10°C (50°F)		15°C (59°F)		25°C (77°F)		35°C (95°F)	
Sandable	16 hrs		16 hrs		6 hrs		3 hrs	
Pot Life	50 mins		45 mins		35 mins		20 mins	

Overcoated By	Overcoating							
	Substrate Temperature							
	10°C (50°F)		15°C (59°F)		25°C (77°F)		35°C (95°F)	
	Min	Max	Min	Max	Min	Max	Min	Max
Interfill 835	24 hrs	ext	24 hrs	ext	6 hrs	ext	6 hrs	ext
Interprime 820	24 hrs	ext	24 hrs	ext	6 hrs	ext	6 hrs	ext
Interprotect	24 hrs	ext	24 hrs	ext	6 hrs	ext	6 hrs	ext
Interprotect (Professional)	24 hrs	ext	24 hrs	ext	6 hrs	ext	6 hrs	ext
Microsurfacers	24 hrs	ext	24 hrs	ext	6 hrs	ext	6 hrs	ext

Note: All fillers should be sanded before overcoating to promote good adhesion. A sanded filler may be left for a period of up to 3 months before being overcoated with further epoxy filler or with Interprime 8-series or Interprotect. After 3 months the filler must then be re-sanded before overcoating.

APPLICATION AND USE

Preparation	<p>PREVIOUSLY PAINTED SURFACES (Two-pack only) In Good Condition Thoroughly degrease with International Surface Prep then rinse with fresh water. Allow to dry. Abrade with 80-180 grade paper. In Poor Condition All previous coatings should be removed back to solid material and primed.</p> <p>STEEL/ALUMINIUM Prime with Interprime 820.</p> <p>BARE WOOD For stable constructions only; prime with Interprime 820.</p> <p>BARE GRP/COMPOSITE Sand with 80-180 grade paper.</p> <p>All substrates must be primed, clean and dry. Refer to primer datasheets for overcoating times with Interfill 830.</p>
Method	Remove any dust from the surface. Apply firmly in a spreading action. When hardened, sand smooth with 80-180 grade wet or dry paper. 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.
Hints	Mixing Mix both components together thoroughly to correct mix ratio. Mix the two components thoroughly to an even grey colour. Mix ratio by weight: 1.17 : 1 YAA867:YAA869. As this product can separate during transit it is imperative that both components are thoroughly mixed separately in their own containers before mixing the two parts together.

Please refer to your local representative or visit www.international-yachtpaint.com for further information.

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Thinner Do not wipe down cured filler with solvent.
Thinning Do not thin.
Cleaner YTA061 International Epoxy Thinner No 7.
Curing 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. Interfill 830 may be overcoated with itself as soon as it is cured enough not to be lifted during the screeding process.

Some Important Points

Do not apply more than 2.0 cm thickness at any one time. Do not use below 10°C/50°F. Product temperature should be minimum 10°C/50°F and maximum 35°C/95°F. Ambient temperature should be minimum 10°C/50°F and maximum 35°C/95°F. Substrate temperature should be minimum 10°C/50°F and maximum 35°C/95°F.

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 835, Interprime 820 or Interprotect.

Number of Coats

As required

Coverage

(Theoretical) - 0.2 m²/L per coat @ 5000 micron WFT.

Recommended DFT per coat

20000 microns dry by trowel or batten.

Recommended WFT per coat

21978 microns wet by trowel or batten .

Application Methods

Batten, Trowel

TRANSPORTATION, STORAGE AND SAFETY INFORMATION

Storage

TRANSPORTATION:

Interfill 830 should be kept in securely closed containers during transport and storage.

STORAGE:

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.

Safety

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.

GENERAL: Read the label safety section for Health and Safety Information, also available from our Technical Help Line.

IMPORTANT NOTES

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.