

Interfill 830 Fast Cure

Fillers

Epoxy Profiling Filler



PRODUCT DESCRIPTION

Interfill 830 Fast Cure 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
- * Low density composition
- * High strength and impact resistance
- * Easy sanding
- * Waterproof

When sanded, the surface of the Interfill 830 Fast Cure is smooth enough to be directly overcoated with Interprime 820 high build epoxy primer or Interprime 880. Interfill 830 Fast Cure is particularly suitable for application over large areas at low 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	91%
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
VOC (As Supplied)	94 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	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)		23°C (73°F)		35°C (95°F)	
	Min	Max	Min	Max	Min	Max	Min	Max
Interfill 830 Fast Cure	24 hrs	ext	24 hrs	ext	6 hrs	ext	6 hrs	ext
Interfill 833	24 hrs	ext	24 hrs	ext	6 hrs	ext	6 hrs	ext
Interfill 833 Fast Cure	24 hrs	ext	24 hrs	ext	6 hrs	ext	6 hrs	ext
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
Interprime 880	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

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.

APPLICATION AND USE

Preparation

All substrates must be clean, dry and free from contaminants.

PREVIOUSLY PAINTED SURFACES

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

In Poor Condition/Repairs: All previous coatings should be removed back to solid material and primed.

STEEL/ALUMINIUM Prime with Intergard 269 or Interprime 820.

BARE WOOD For stable constructions only; prime with Interprime 820.

GRP Degrease with solvent or Super Cleaner. Degrease with solvent or Super Cleaner. Sand well using 180-220 grade paper. Clean thoroughly and allow to dry. Pre-prime using an International primer as detailed for specific coating systems.

BARE GRP/COMPOSITE Sand with 80-180 grade (grit) paper. If left for longer than 24 hours, two component epoxy

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	primers and fillers will need sanding with 80-180 grade paper to ensure a good physical key.
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 colour. Thinner Do not wipe down cured filler with solvent. Thinning Do not thin. Cleaner GTA220 for equipment cleaning only.
Some Important Points	Do not apply more than 2.0 cm thickness at any one time. Do not use below 10°C/50°F. Standard and fast cure systems MUST NOT be wet mixed in order to obtain intermediate cure times or to use up spare filler. The systems are fully compatible in the cured state. 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 Fast Cure should be applied over cured epoxy primers or fillers or onto cured GRP/Composite. Interfill 830 Fast Cure may be overcoated with Interfill 833, Interprime 820, Interprime 850, Interprime 880 or Interfill 835 (YAA855/YAA856). Gelshield or Gelshield 200 may be used over Interfill 830 within the osmosis schemes.
Number of Coats	As required
Coverage	(Theoretical) - 0.2 m ² /L per coat @ 5000 micron (200 mil) 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	GENERAL INFORMATION: Exposure to air and extremes of temperature should be avoided. For the full shelf life of Interfill 830 Fast Cure 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 Fast Cure 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 Fast Cure 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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