

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 1 inch in one coat without the risk of sagging/slumping.

- * 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. Interprime 850 or Interprime 880. Interfill 830 Fast Cure 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-Grey
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	15°C	23°C	35°C
Sandable	16hrs	16hrs	6hrs	3hrs
Pot Life	50mins	45mins	35mins	20mins

Overcoated By	Overcoating Substrate Temperature							
	10°C		15°C		23°C		35°C	
	Min	Max	Min	Max	Min	Max	Min	Max
Interfill 835	24hrs	-	24hrs	-	6hrs	-	6hrs	-
Interprime 820	24hrs	-	24hrs	-	6hrs	-	6hrs	-
Interprime 880	24hrs	-	24hrs	-	6hrs	-	6hrs	-
Interprotect	24hrs	-	24hrs	-	6hrs	-	6hrs	-
Interprotect (Professional)	24hrs	-	24hrs	-	6hrs	-	6hrs	-

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 Yacht Line 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: For osmosis treatment follow the Gelshield specification ensuring the Interfill 830 Fast Cure 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	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. 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 Fast Cure may be overcoated with itself or with Interfill 833 as soon as it has 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. 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) - 0.20 (m ² /lt) @ 5000 micron (200 mil) WFT.
Recommended DFT	20000 microns dry By Trowel or Batten.
Recommended WFT	20000 microns wet By Trowel or Batten.
Application Methods	Trowel, Batten

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/40°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 *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 or 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.*

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