

Interfill 830 Standard Cure*

Fillers

Epoxy Profiling Filler



PRODUCT DESCRIPTION

Interfill 830 Standard Cure* is the best choice for profiling above and below the waterline on Steel, Aluminum and Composite hulls. The special 2-component light gray epoxy formulation can fill up to a thickness of 800 mils in one coat without the risk of sagging/slumping.

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

Interfill 830 Standard Cure* is particularly suitable for application over large areas. When sanded, the surface of Interfill 830 Standard Cure* is smooth enough to be directly overcoated with Interprime 820 or Interprotect 2000E epoxy primer.

PRODUCT INFORMATION

Color	YAA867
Finish	Matte
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	YAA868Standard Curing Agent
Typical Shelf Life	2 yrs
VOC (As Supplied)	102 g/l
Unit Size	1 US Gallon 4 US Gallons (mixed Part A & Part B)

DRYING/OVERCOATING INFORMATION

	Drying							
	50°F (10°C)		59°F (15°C)		73°F (23°C)		95°F (35°C)	
Sandable	48 hrs		28 hrs		19 hrs		13 hrs	
Pot Life	75 mins		55 mins		45 mins		20 mins	
Overcoated By	Overcoating							
	Substrate Temperature							
	50°F (10°C)		59°F (15°C)		73°F (23°C)		95°F (35°C)	
	Min	Max	Min	Max	Min	Max	Min	Max
Interfill 835*	5 days	-	3 days	-	2 days	-	1 days	-
Interprime 820*	5 days	-	3 days	-	2 days	-	1 days	-
Interprime 880*	5 days	-	3 days	-	2 days	-	1 days	-
Interprotect 2000E	5 days	-	3 days	-	2 days	-	1 days	-
Interprotect 3000/3001	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.

APPLICATION AND USE

Preparation	<p>PREVIOUSLY PAINTED SURFACES In Good Condition Wash down with Interlux Solvent Wash #202, rinse with fresh water and allow to dry. Abrade with 80-180 grade paper and prime. In Poor Condition/Repairs: All previous coatings should be removed back to solid material and primed.</p> <p>STEEL/ALUMINIUM Prime with Interprime 820 or Interprotect 2000E.</p> <p>BARE WOOD For stable constructions only; prime with Interprime 820 or Interprotect 2000E.</p> <p>BARE GELCOAT/COMPOSITE For osmosis treatment follow the Interprotect specification ensuring the Interfill 830 Standard Cure* is only used during STAGE 2. Sand with 80-180 grade paper.</p> <p>EPOXY PRIMERS If left longer than 24 hours, two component epoxy primers will need sanding with 80-180 grade paper to ensure good physical key. All substrates must be primed, clean and dry.</p>
Method	<p>Mix the two components thoroughly to an even color. Remove any dust from the surface. Apply firmly in a spreading action. When hardened, sand smooth with 36-180 grade wet or dry paper. Interfill 830 Standard 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.</p>
Hints	<p>Mixing Mix the two components thoroughly to an even color. Ensure the correct volume mix ratio is used.</p> <p>Thinning Do not thin.</p> <p>Cleaner YTA910 For equipment cleaning only.</p>

Please refer to your local representative or visit <http://www.yachtpaint.com> for further information.

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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. Any porosity in the sanded surface should be filled with Interfill 833 prior to priming with Interprime 820 or Interprotect 2000E.

Some Important Points

Do not use unless mixed thoroughly with the curing agent at specified ratio. Do not apply more than 800 mils thickness at any one time. Do not use below 10°C/50°F. Do not thin. Do not wipe down cured filler with thinners/solvents. 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 Standard Cure* should be applied over cured epoxy primers or fillers or onto cured Gelcoat/Composite. Interfill 830 Standard Cure* may be overcoated with Interfill 833, Interprime 820, Interprime 880 or Interfill 835 (YAA855/YAA856). Interprotect 2000E or 3000 may be used over Interfill 830 within the osmosis schemes.

Number of Coats

As required

Coverage

(Theoretical) - 8.1 ft²/gal @ 800 mils DFT.

Recommended DFT per coat

812.8 mils dry By Trowel or Batten.

Recommended WFT per coat

812.8 mils 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 Standard 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 Standard Cure* should be kept in securely closed containers during transport and storage.

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 Standard 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.

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

IMPORTANT NOTES

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