

Interior Primer 860*

Primers

High Solids Epoxy Interior Primer



PRODUCT DESCRIPTION

Interior Primer 860* is a high build, multipurpose, low VOC epoxy primer, specifically formulated for use in the interiors of all types of construction. Reduced surface preparation requirements, fast walk on time and low odor speed the application process and lowers the impact on other trades. Interior Primer 860* provides excellent anticorrosive protection and holds a Surface Spread of Flame Certificate.

PRODUCT INFORMATION

Color	YIC862-White, YIC866*-Gray
Finish	Semi-gloss
Specific Gravity	1.45
Volume Solids	70%
Mix Ratio	Mix ratio 4:1 by volume (as supplied)
Converter/Curing Agent	YIC861
Typical Shelf Life	2 yrs
VOC (As Supplied)	340 g/lit
VOC (EU Solvent)	234 g/kg EU Solvent Emissions Directive (Council Directive 1999/13/EC)
Unit Size	5 US Gallon (5.28GL once mixed) , 1 US Gallon (1.1GL once mixed)

DRYING/OVERCOATING INFORMATION

	Drying			
	50°F (10°C)	59°F (15°C)	73°F (23°C)	95°F (35°C)
Hard Dry [ISO]	7 hrs	5 hrs	2.5 hrs	1 hrs
Touch Dry [ISO]	90 mins	75 mins	60 mins	30 mins
Dry To Walk On	24 hrs	16 hrs	7 hrs	3 hrs
Pot Life	3 hrs	2 hrs	60 mins	45 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
Interior Finish 750*	7 hrs	12 mths	5 hrs	12 mths	2.5 hrs	12 mths	1 hrs	12 mths
Interior Primer 860*	7 hrs	12 mths	5 hrs	12 mths	2.5 hrs	12 mths	1 hrs	12 mths
Perfection *	7 hrs	12 mths	5 hrs	12 mths	2.5 hrs	12 mths	1 hrs	12 mths

Note: Overcoating times quoted are when product used in dry environments. When used in wet areas, for example bilges, the maximum overcoating time for Interior Finish 750 and Perfection is reduced to 1 month. If maximum overcoating time is exceeded, use a maroon, 3M® Scotch-Brite™ pad (7447) and scrub well.

APPLICATION AND USE

Preparation

STEEL Degrease the surface with 2316N or YTA920. **Gritblast to SSPC-SP10/NACE 2 (Sa 2½) - near white metal surface. If gritblasting is not possible, grind the metal surface with 24-36 grit abrasive discs to a uniform, clean, bright metal surface with 2-3 mils (50-75 microns) anchor pattern to an SSPC-SP-3 / St3 standard.** Use angle grinder on small areas. Ensure that the substrate is contaminant/rust free prior to application of coating. Apply the first coat of Interior Primer 860* as soon as possible after the surface preparation.

STEEL with a Shop Primer Degrease the surface with 2316N or YTA920. Clean the surface with contaminant-free rags and ensure rust, dust, oil, grease and dirt is removed. Note: shop primer should have been applied on to a substrate where standard profile requirements have been achieved.

ALUMINUM For dry areas: degrease the surface. For wet areas: degrease the surface and scrub well using a maroon, 3M® Scotch-Brite™ pad (7447).

STAINLESS STEEL Degrease the surface with 2316N or YTA920. **Light gritblast to produce a profile of 2 mils (50 microns).**

BARE WOOD Sand with 120 grade (grit) paper. Remove oil from oily woods eg teak, using recommended thinners. Change cloths frequently.

LAMINATE Closed and sound condition laminate only. Note: fibers are impregnated with resin, no fibers exposed. Degrease the surface with 2316N or YTA920. Scrub well using a maroon, 3M® Scotch-Brite™ pad (7447).

GELCOAT Degrease surface with Fiberglass Solvent Wash 202 using the two cloth method. Sand with 80 grade (grit) paper. Ensure sanding debris is removed by wiping down with Fiberglass Solvent Wash 202 prior to proceeding.

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	POWDER COATED SURFACES Degrease the surface with 2316N or YTA920. Scrub well using a maroon, 3M® Scotch-Brite™ pad (7447).
Method	Remove blast/grinding/sanding residues with a clean air line & sweep with a clean brush, or vacuum clean for best results. Apply required no. of coats, detailed in the specification sheets
Hints	Mixing Stir or shake individual components thoroughly. Add curing agent to the base and mix well. Add thinner as necessary. No induction required. Thinner Reducing Solvent 2316N or YTA920. Cleaner Reducing Solvent 2316N or YTA920. Ventilation and Humidity Control To achieve sufficient curing, the maximum relative air humidity should not exceed 80%. During application and drying in a confined spaces, continuous ventilation is required to extract solvent vapors for health and safety reasons and to assist the drying process. Airless Spray 0-5% thinner may be used to ease application. Tip Size: 0.38-0.44 mm/0.015-0.017". Pressure: minimum 200 bar/2900 psi Conventional Spray Pressure Pot - thin 10-15%. Gravity Feed Gun - thin 20-25%. Tip size: DeVilbiss and SATAjet 1.7-1.8mm/0.067-0.071", Binks 95: 66S with 66K aircap, 665 needle. Pressure: <14 psi (pot gauge)/ 44-58 psi (atomizing air pressure). Recommended flow rate 250cc (8.45floz) per minute. 2 coats may be required to achieve recommended DFT. Brush Thin 0-5% using Thinner 920. Roller Thin 0-5% using Thinner 920. Other For maximum performance to be achieved, the curing temperature should be above 10°C/50°F. Do not apply at a thickness greater than recommended, as this may lead to solvent entrapment within the coating.
Some Important Points	Do not use below 5°C/41°F. Do not apply over conventional (one-pack) coatings. Do not apply when there is a chance of condensation forming on the surface. Ambient temperature should be minimum 5°C/41°F and maximum 35°C/95°F. Product temperature should be minimum 10°C/50°F and maximum 35°C/95°F. Substrate temperature should be minimum 5°C/41°F and maximum 35°C/95°F. If Interior Primer 860* is over applied, the hard-dry time/walk-on time may be longer than indicated. If welding work is required apply the product no closer than 1m/3ft from weld/seam.
Compatibility/Substrates	Interior Primer 860* can be used on all suitably prepared substrates and epoxy primers. It should not be used over any one pack products. Interior Primer 860* can also be applied to suitably prepared powder-coated substrates and pipework after consultation with an Interlux Paint Technical Representative.
Number of Coats	1 (check with individual specifications)
Coverage	(Theoretical) - 228 ft ² /gal (1 coat unthinned) (Practical) - 134.3 ft ² /gal by spray, 205 (ft ² /Gal) by brush/roller
Recommended DFT per coat	5 mils dry
Recommended WFT per coat	7 mils wet
Application Methods	Airless Spray, Brush, Conventional Spray, Roller, Air Assisted Airless

TRANSPORTATION, STORAGE AND SAFETY INFORMATION

Storage	GENERAL INFORMATION: Exposure to air and extremes of temperature should be avoided. For the full shelf life of Interior Primer 860* 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: Interior Primer 860* 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. Reminders of Interior Primer 860* 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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