

Interior Primer 860

Primers

High performance Epoxy Primer for Steel, Aluminium, GRP and Wood Interiors



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 odour 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

Colour	YIC862 - White
Finish	Semi-gloss
Specific Gravity	1.45
Volume Solids	70%
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 Lt unit

DRYING/OVERCOATING INFORMATION

	Drying			
	10°C (50°F)	15°C (59°F)	23°C (73°F)	35°C (95°F)
Hard Dry	7 hrs	5 hrs	2.5 hrs	1 hrs
Touch Dry	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							
	10°C (50°F)		15°C (59°F)		23°C (73°F)		35°C (95°F)	
	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
Interthane 990	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 (see note below). Gritblast to 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 a 50-75 microns anchor pattern. Use angle grinder on small areas.

STEEL with a Shop Primer Degrease the surface (see note below). Ensure that the surface is clean from contaminants e.g. rust, dust, oil, grease and dirt. Note: shop primer should have been applied on to a substrate where standard profile requirements have been achieved.

ALUMINIUM Degrease the surface (see note below).

STAINLESS STEEL Degrease the surface (see note below). Light gritblast to produce a profile of 50 microns.

BARE WOOD Sand with 120 grade (grit) paper. Remove oil from oily woods eg teak, using Universal Thinners #4. Change cloths frequently.

LAMINATE Closed and sound condition laminate only. Note: fibres are impregnated with resin, no fibres exposed. Degrease the surface (see note below).

GELCOAT Degrease the surface (see note below). Sand with 80 grade (grit) paper. Ensure sanding debris is removed prior to proceeding.

POWDER COATED SURFACES Degrease the surface (see note below).

Note: Contact your local representative for recommended degreasing solvent available in your region.

Method

Remove blast/grinding/sanding residues with a clean air line & sweep with a clean brush, or vacuum clean for best

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	results. Apply required no. of coats, detailed in the specification sheets
Hints	Mixing A power agitator should be used to mix both the individual components and the mixed paint. Add curing agent to the base and mix well. Thinner Epoxy Thinner No. 7. Thinning Thin 0-10% by volume. Cleaner Epoxy Thinner No. 7. Airless Spray 0-5% thinner may be used to ease application. Tip Size: 1540-1750. Recommended tip size: 1740. Pressure: 200 bar. Conventional Spray Pressure Pot - thin 10-15%. Gravity Feed Gun - thin 20-25%. Tip Size: 1.8 mm. Pressure: <1 bar (Pot)/3-4 bar (Atomising). 2 coats may be required to achieve recommended DFT. Brush Thin 0-5% using Epoxy Thinner No. 7. Roller Thin 0-5% using Epoxy Thinner No. 7. 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. 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 5°C/41°F and maximum 35°C/95°F. Substrate temperature should be minimum 5°C/41°F and maximum 35°C/95°F. Hold-up 300 micron (WFT) - unthinned.
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 International Paint Technical Representative.
Number of Coats	1 (check with individual specifications)
Coverage	(Theoretical) - 5.6 m ² /L per coat (1 coat unthinned)
Recommended DFT per coat	125 microns dry
Recommended WFT per coat	179 microns wet (will vary with thinner addition)
Application Methods	Airless Spray, Brush, Conventional Spray, Roller

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 30°C/86°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. Remainders 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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