

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, YIC866-Grey
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, 20 lt

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 600 WB	7 hrs	1 mths	5 hrs	1 mths	2.5 hrs	1 mths	1 hrs	1 mths
Interior Finish 750	7 hrs	12 mths	5 hrs	12 mths	2.5 hrs	12 mths	1 hrs	12 mths
Interior Finish 770	7 hrs	12 mths	5 hrs	12 mths	2.5 hrs	12 mths	1 hrs	12 mths
Interior Floor 340	36 hrs	7 days	24 hrs	7 days	24 hrs	7 days	24 hrs	7 days
Interior Floor 350	36 hrs	7 days	24 hrs	7 days	24 hrs	7 days	24 hrs	7 days
Interior Floor 360	36 hrs	7 days	24 hrs	7 days	24 hrs	7 days	*	*
Interior Floor 370	36 hrs	7 days	24 hrs	7 days	24 hrs	7 days	*	*
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: * Interior Floor 360/370 must not be applied at ambient or substrate temperature above 30°C (86°F). Overcoating times at 30°C are 24 hours (min) and 7 days (max).

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 600 Wipedown Solvent or Thinner 910. 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 50-75-microns) anchor pattern. Use angle grinder on small areas.

STEEL with a Shop Primer Degrease the surface with 600 Wipedown Solvent or Thinner 910. 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 For dry areas: degrease the surface with 600 Wipedown Solvent or Thinner 910. For wet areas: degrease the surface with 600 Wipedown Solvent or Thinner 910 and scrub well using a maroon, 3M® Scotch-Brite™ pad (7447).

STAINLESS STEEL Degrease the surface with 600 Wipedown Solvent or Thinner 910. Light gritblast to produce a

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profile of 50 microns.

BARE WOOD Sand with 120 grade (grit) paper. Remove oil from oily woods eg teak, using Thinner No. 9. Change cloths frequently.

LAMINATE Closed and sound condition laminate only. Note: fibres are impregnated with resin, no fibres exposed. Degrease the surface with 600 Wipedown Solvent or Thinner 910 and scrub well using a maroon, 3M® Scotch-Brite™ pad (7447).

GELCOAT Degrease the surface with 600 Wipedown Solvent or Thinner 910. Sand with 80 grade (grit) paper. Ensure sanding debris is removed prior to proceeding.

POWDER COATED SURFACES Degrease the surface with 600 Wipedown Solvent or Thinner 910 and 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 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 Recommended thinner: Thinner 910. (Thinner No.7 and Thinner 920 are also suitable for use - if slower thinners are required).

Cleaner International Equipment Cleaner GTA822. Thinner No.7 Thinner 910, Thinner 920.

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 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. 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. 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 m²/lt (1 coat unthinned)

(Practical) - 5 m²/lt by brush/roller, 3.36 m²/lt by spray

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, 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.

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

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.