

## PRODUCT DESCRIPTION

Midcoat Flat is a high performance polyurethane satin finish for use on interiors and deckheads.

- \* Easy sanding
- \* Smooth finish
- \* Easy clean
- \* Satin appearance

## PRODUCT INFORMATION

<b>Colour</b>	IPE100-White
<b>Finish</b>	Satin
<b>Specific Gravity</b>	1.3
<b>Volume Solids</b>	48%
<b>Mix Ratio</b>	7.14:1 by volume (as supplied) , Converter/Curing Agent - IPE101
<b>Typical Shelf Life</b>	2 yrs
<b>VOC (As Supplied)</b>	468 g/lit
<b>Unit Size</b>	5 Lt

## DRYING/OVERCOATING INFORMATION

	Drying			
	10°C	15°C	23°C	35°C
Hard Dry [ISO]		4days	48hrs	24hrs
Touch Dry [ISO]		2hrs	1hrs	1hrs
Pot Life		8hrs		

**Note:** Pot life reduces as temperature and mix volume increases. Pot life refers to the Working Pot Life. It is recommended not to prepare a larger volume than required for immediate use. Drying times quoted in this datasheet were measured without thinners. Drying time will vary according to the application method, and the quantity and type of thinner used.

Overcoated By	Overcoating Substrate Temperature							
	10°C		15°C		23°C		35°C	
	Min	Max	Min	Max	Min	Max	Min	Max
Midcoat Flat	-	12days	-	10days	-	7days	-	5days

**Note:** Minimum overcoating time is when coat is tacky. Maximum overcoating times are without sanding. For best aesthetical result Midcoat Flat should be sanded between coats.

## APPLICATION AND USE

### Preparation

**In Good Condition:** Wash down with International's Super Cleaner, rinse with fresh water and allow to dry.

**In Poor Condition:** Remove all previous coatings and prime the substrate.

**BARE GRP:** Wash down with International's Super Cleaner, rinse with fresh water and allow to dry.

**ALUMINIUM:** Wash down with International's Super Cleaner, rinse with fresh water and allow to dry.

**EPOXY PRIMERS:** Wash down with International's Super Cleaner, rinse with fresh water and allow to dry.

### Hints

**Mixing** Ensure the correct volume mix ratio is used. Thoroughly stir Part A before use to obtain a homogenous product. Next add Part B (Curing Agent) while stirring until a homogenous mix is achieved.

**Thinner** Thinners No.16

**Thinning** The amount of thinner to be added depends on the conditions of application and method of application being used. Add thinner only after thoroughly mixing the components.

**Cleaner** Thinners No.16

**Ventilation and Humidity Control** Optimum curing takes place when the relative humidity is

between 30% and 85% During application and drying in a confined spaces, continuous ventilation is required to extract solvent vapours for health and safety reasons and to assist the drying process.

**Conventional Spray** Pressure: 3.2-4.0 bar/47-60 psi. Tip Size: 1.2-1.8 mm/46-70 thou. Thin 20-30% using Thinner No.16. Reduce viscosity to 16-18 seconds, DIN Cup 4.

<b>Some Important Points</b>	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. Product temperature should be minimum 10°C/50°F and maximum 35°C/95°F. The substrate temperature must be at least 3°C above the dewpoint to prevent condensation. It is recommended not to apply the product under adverse weather conditions. Coverage depends on several factors, including shape of the yacht, surface roughness, method of application being used and conditions of application.
<b>Compatibility/Substrates</b>	Aluminium, GRP, Epoxy GP Coating & Epoxy Interior Coating HS.
<b>Number of Coats</b>	2
<b>Coverage</b>	(Theoretical) - 10.00 (m <sup>2</sup> /lt) (Practical) - 7.50 (m <sup>2</sup> /lt) by spray
<b>Recommended DFT</b>	50 microns dry
<b>Recommended WFT</b>	100 microns wet
<b>Application Methods</b>	Conventional Spray

## TRANSPORTATION, STORAGE AND SAFETY INFORMATION

<b>Storage</b>	<p><b>GENERAL INFORMATION:</b> Exposure to air and extremes of temperature should be avoided. For the full shelf life of Midcoat Flat 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.</p> <p><b>TRANSPORTATION:</b> The product should be kept in securely closed containers during transport and storage.</p>
<b>Safety</b>	<p><b>GENERAL:</b> Avoid contact with skin and eyes. Midcoat Flat can cause dermatitic skin reactions. Always use gloves and goggles and keep skin protected with overalls. Any accidental skin contact should be immediately washed off with soap and water. Do not eat, drink or smoke in mixing or application areas. Wear suitable respiratory protective equipment. Read the label safety section for Health and Safety Information, also available from our Technical Help Line.</p> <p><b>DISPOSAL:</b> Do not discard tins or pour paint into water courses, use the facilities provided. It is best to allow paints to harden before disposal.</p> <p>Remainders of Midcoat Flat 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.</p>

**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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