

#### PRODUCT DESCRIPTION

UC Gloss is a two-pack polyurethane resin-based coating with excellent flow-out characteristics. Suitable for use as a finish to give a durable, chemical resistant easy clean surface.

#### PRODUCT INFORMATION

<b>Colour</b>	IPF002-RAL 9003, IPF110-RAL 9010
<b>Finish</b>	High Gloss
<b>Specific Gravity</b>	1.27
<b>Volume Solids</b>	51%
<b>Mix Ratio</b>	5.88 Part A : 1 Part B by Volume. 6.67 Part A : 1 Part B by Weight., Converter/Curing Agent - IPF101
<b>Typical Shelf Life</b>	1 yrs
<b>VOC (As Supplied)</b>	440 g/ltr
<b>Unit Size</b>	5 Lt

#### DRYING/OVERCOATING INFORMATION

	Drying		
	15°C	23°C	35°C
Hard Dry [ISO]	4days	48hrs	24hrs
Touch Dry [ISO]	6hrs	4hrs	2hrs
Pot Life	7hrs		

**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							
	15°C		23°C		35°C		Min	Max
	Min	Max	Min	Max	Min	Max	Min	Max
Perfection	48hrs	7days	24hrs	5days	24hrs	3days		
UC Gloss	48hrs	7days	24hrs	5days	24hrs	3days		

**Note:** All overcoating times are approximate. Overcoating Times are the Minimum Recoat Time with Sanding. When being overcoated, the surface must be dry, clean, grease- and dust-free.

#### APPLICATION AND USE

##### Preparation

##### PREVIOUSLY PAINTED SURFACES:

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

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

**GELCOAT/COMPOSITE:** Thoroughly degrease the surface by wiping with Degreaser Oplusser, changing cloths frequently to avoid contamination. Sand smooth.

**EPOXY FILLERS:** Sand smooth.

**EPOXY PRIMERS:** Sand smooth.

**For further sanding recommendations please see the leaflet "The Importance of Good Sanding Practise".:**

##### 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.14 , Thinners No.16

**Thinning** Thinners No.14 , Thinners No.16

**Cleaner** Thinners No.14 , Thinners No.16 , Degreaser (Oplusser).

**Ventilation and Humidity Control** To achieve sufficient curing, the maximum relative humidity should not exceed 80%. 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: 3-4 bar. Tip Size: 1.1-1.5 mm. Thin 20-30% using Thinner No.16. Reduce viscosity to 16-18 seconds, DIN Cup 4. Advised dry film thickness: 40 µm (WFT=80 µm). Maximum dry film thickness: 60 µm (WFT=120 µm).

**Brush** Thin 0-5% using Thinner No.14. Advised dry film thickness: 25 µm (WFT=50 µm). Maximum dry film thickness: 35 µm (WFT=70 µm).

**Roller** Thin 0-5% using Thinner No.14. Advised dry film thickness: 25 µm (WFT=50 µm). Maximum dry film thickness: 35 µm (WFT=70 µm). Polyurethane-based paints cause swelling to foam plastic paint rollers, which makes regular replacement (about every half an hour) of the roller necessary.

#### Some Important Points

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 no less than 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. Not suitable for permanently immersed surfaces. Do not apply over conventional (one-pack) coatings.

#### Compatibility/Substrates

The following substrates can be treated with UC Gloss: Sanded and cleaned Midcoat Flat coatings; Epoxy GP Coating; Sanded and cleaned Finishing Filler; Sanded and carefully cleaned and degreased old two-pack polyurethane topcoats; Sanded and cleaned polyester gelcoats.

#### Coverage

(Theoretical) - 12.80 (m<sup>2</sup>/lt)

(Practical) - 11.50 (m<sup>2</sup>/lt) by brush; 9.6 m<sup>2</sup>/lt by spray

#### Recommended DFT

40 microns dry

#### Recommended WFT

80 microns wet

#### Application Methods

Brush, Roller, Conventional Spray , DO NOT AIRLESS SPRAY

### TRANSPORTATION, STORAGE AND SAFETY INFORMATION

#### Storage

##### GENERAL INFORMATION:

Exposure to air and extremes of temperature should be avoided. For the full shelf life of this product 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.

##### TRANSPORTATION:

The product should be kept in securely closed containers during transport and storage.

#### Safety

**GENERAL:** Avoid contact with skin and eyes. UC Gloss 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.

**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 this product 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 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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Supersedes: