

## PRODUCT DESCRIPTION

Epoxy LG Filler is a two-pack, solvent-free, lightweight filler based on epoxy resins. Excellent application, sanding and filling properties. Can be used above and below the waterline in conjunction with Finishing Filler.

## PRODUCT INFORMATION

<b>Colour</b>	IAA700-Grey - Part A - Grey. Part B - Off White.
<b>Finish</b>	Matt
<b>Specific Gravity</b>	0.98
<b>Volume Solids</b>	100%
<b>Mix Ratio</b>	1:1 by volume (as supplied) Mix ratio by weight: 1 : 1, Converter/Curing Agent - IAA701
<b>Typical Shelf Life</b>	1 yrs
<b>Unit Size</b>	16 kg , 80 kg , 300 kg

## DRYING/OVERCOATING INFORMATION

	Drying			
	10°C	15°C	23°C	35°C
Sandable		36hrs	24hrs	24hrs
Pot Life		45mins		

**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.

Overcoated By	Overcoating									
	Substrate Temperature									
	10°C		15°C		23°C		35°C			
	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
Epoxy Finishing Filler	48hrs	ext	36hrs	ext	24hrs	ext	24hrs	ext	24hrs	ext
Epoxy LG Filler	48hrs	ext	36hrs	ext	24hrs	ext	24hrs	ext	24hrs	ext

**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. All fillers should be sanded before overcoating to ensure good adhesion.

## APPLICATION AND USE

### Preparation

#### PREVIOUSLY PAINTED SURFACES:

**In Good Condition:** Thoroughly degrease with 600 Wipedown Solvent. Rinse with fresh water and allow to dry.

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

**STEEL/ALUMINIUM:** Prime with Epoxy GP Coating.

**BARE WOOD:** Prime with Epoxy GP Coating.

**BARE GRP:** Sand according to the leaflet "The Importance of Good Sanding Practice".

**All substrates must be primed, clean and dry.:**

### Method

Apply one or several coats of Epoxy LG Filler, depending on substrate deviation and profile required. If several coats are applied, sand between coats. Use a spreader or trowel to apply the filler and spread out evenly. Use a batten to level the filler. After sanding and dusting off, always apply Epoxy Finishing Filler to obtain a closed layer. Sanding dust can be removed by blowing with clean compressed air and/or by vacuum cleaning.

### Hints

**Mixing** Ensure the correct volume mix ratio is used. Mix Part A and Part B on a formica-type board until a homogenous, uniform colour is achieved. Weigh out the components if only part of the volume supplied is used.

**Thinning** Do not thin under any circumstances.

**Cleaner** Sikkens Epoxy Thinners or Degreaser (Oplosser).

**Ventilation and Humidity Control** To achieve sufficient curing, the maximum relative humidity should not exceed 80%.


**Other** The film thickness depends on many factors, such as roughness of the substrate, method and conditions of application. In the temperature range between 10°C and 15°C (under 10°C no curing will take place). A tacky coat may form at the surface after application. Sanding and adhesion properties may be affected if product applied and/or cured at temperatures between 10°C and 15°C. If product applied and/or cured at temperatures between 10°C and 15°C then the surface should be cleaned with lukewarm water or Epoxy Thinners and allowed to dry prior to application of subsequent coatings. To minimise potential formation of 'tacky coat', it is recommended to apply, allow to dry and cure Epoxy LG Filler at temperatures above 15°C.

<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. In underwater applications the filler system should always be over-coated with a complete underwater paint system (see individual specifications).
<b>Compatibility/Substrates</b>	Can be used over Epoxy GP Coating, Sikkens Epoxy Heavycoat or itself.
<b>Number of Coats</b>	As required
<b>Coverage</b>	(Theoretical) - 1.00 (m <sup>2</sup> /lt) @ a DFT of 1 mm.
<b>Recommended DFT</b>	30000 microns dry (0.8mm - 50mm)
<b>Recommended WFT</b>	30000 microns wet (0.8mm - 50mm)
<b>Application Methods</b>	Trowel, Batten , spreader and rule.

## TRANSPORTATION, STORAGE AND SAFETY INFORMATION

<b>Storage</b>	<b>GENERAL INFORMATION:</b> 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. <b>TRANSPORTATION:</b> The product should be kept in securely closed containers during transport and storage.
<b>Safety</b>	<b>GENERAL:</b> Avoid contact with skin and eyes. Epoxy LG Filler 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. <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. 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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