



## Loctite UK Ltd

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## Technical Data Sheet

### Product: Marine Filler

(PP 111/113)

### PRODUCT DESCRIPTION

Marine Filler fills and seals holes and cracks of any size in GRP, steel, aluminium etc. Can be used below the waterline when overpainted with marine paints.

#### Typical applications

Specially formed for marine use. Can be sanded, machined, drilled, tapped, polished etc. Can be painted with all known marine paint systems.

#### Properties of uncured material

##### Component A (Paste)

Chemical type	Unsaturated polyester
Appearance	White
Viscosity @ 23 °C, Pa•s	
Brookfield HBF STD F-01	45-55

##### Part B (Hardener)

Chemical type	Dibensoyl Peroxide
Appearance	Yellow
Density @ 20 °C, kg/dm <sup>3</sup>	1,15
Viscosity @ 20 °C, Pa•s	200-600

#### Typical curing performance

##### Cure speed vs. Time/temperature

By using 2-3 percent hardener in relation to the amount of paste, the mixture will cure in approx. 10 min. at +20 °C. After a further 10 min. the product can be sanded. Low temperature will prolong setting time.

#### Performance of cured material

##### Physical properties

Electrical conductivity (Ω/cm)	10 <sup>14</sup>
Hardness (Shore D)	75-80
Tensile strength (N/mm <sup>2</sup> )	~10

##### Adhesion

Mild steel	+160 °C
Aluminium	+160 °C

#### Chemical resistance

Cured material is resistant to water, salt solutions, organic solvents, diluted acids and alkalis.

### General information

#### Directions for use

For best performance abrade and degrease all surfaces. The two components should be mixed thoroughly, 2-3 percent hardener in relation to the amount of paste. Do not mix more than will be used in 6 min. Apply a thin layer to the area to be filled, making sure it penetrates into any gaps, sanding grooves and surface irregularities. Fill immediately to required thickness. Best results are achieved in dry conditions above +10 °C.

#### Setting time

Approximately 10 min. at +20 °C. Sandable after a further 10 min. Start sanding using 120-240 grit abrasive paper. Clean tools with acetone, ethyl acetate, cellulose thinners or similar immediately after use.

#### Storage

The product has a storage life of 2.5 years from date of manufacture. For maximum storage life store in a cool place.

#### Note

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PLEASE CONTACT LOCTITE SWEDEN AB R & D DEPARTMENT FOR ASSISTANCE AND RECOMMENDATIONS FOR THIS PRODUCT.

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