



## ELI-FIL FR/986 MARINE PUTTY/WET SURFACE REPAIR PUTTY

PRODUCT:	Eli-Fil FR/986 is a filler and fibre reinforced two component Epoxy Repair Putty.
APPLICATION:	By spatula
VISCOSITY / 25°C:	Thixotropic Paste
MIXING RATIO:	By Weight or Volume 1 Part of Resin 1 Part of Hardener
COLOUR:	Resin: White Hardener: Off-White Mixed: White
RECOMMENDED MIXING TIME / 25°C:	3 - 5 Minutes
SPECIFIC GRAVITY / 25°C:	Resin: 1,60 – 1,70 g/cm <sup>3</sup> Hardener: 1,65 – 1,70 g/cm <sup>3</sup> Mixed: 1,65 – 1,70g/cm <sup>3</sup>
COVERAGE: (2mm thick application)	1kg pack covers 0,35m <sup>2</sup>
PRACTICAL WORKING LIFE / 25°C: (100g mass)	20 - 30 Minutes
GEL TIME / 25°C: (1mm thick application)	± 1 Hour
SETTING TIME / 25°C: (1mm thick application) (Mixed and cured above water)	3 – 3½ Hours
SETTING TIME / 25°C: (1mm thick application) (Cured under water)	± 5 Hours
TYPICAL HARDNESS CURED:	
24 HOURS / 25°C:	Shore D 85 – 90
7 DAYS / 25°C: above water:	Shore D 85 – 90
under water:	Shore D 80 – 85
WATER ABSORPTION:	4 weeks / immersion at 65°C
	Fresh water: max 0,16%
	Salt water: max 0,03%



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**SURFACE PREPARATION:**

The application surface must be cleaned and roughened to ensure good adhesion. The underwater surface must be free of oil, algae or other contamination.

**APPLICATION:**

The Eli-Fil FR/986 marine putty can be applied under adverse cold environmental conditions to damp - wet surfaces, e.g. concrete, rock, metal, etc.

The putty bonds well to a variety of surfaces even when applied underwater.

**IMPORTANT:**

To obtain good adhesion, i.e. underwater application, it is imperative to wet out the substrate by working the mixed putty into the surface and spreading the product thinly and evenly before applying the bulk of the material.

The FR/986 putty is particularly suitable for emergency and permanent repairs on water submerged concrete structures, on bridges, dam walls, pipe-lines, tunnels and general building restoration.

**STORAGE LIFE:**

Stored under dry and cool conditions in sealed containers: 12 months.

**TOXICITY:**

Very low toxicity at ambient temperatures. However, good industrial hygiene is advisable, the use of protective gloves is recommended.

**NOTICE:**

The technical specifications and/or our technical advice whether verbal, in writing, or by trials is given in good faith and based on our test results obtained, but without warranty. It does not release the user from the obligation to test the products supplied by us or any third party as to the suitability for the intended application.

The application, use and processing of the products are beyond our control and Elite Chemical Industries (Pty) Ltd's legal obligation in respect of any sale of its products shall be determined by the terms of its conditions of sale.

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