

ELI-FIL FR955 ALUMINIUM PUTTY

PRODUCT: An ambient temperature curing, two component Epoxy Putty formulated with an Aluminium Filler.

COLOUR: Resin: Aluminium-Grey
Hardener: Red

MIXING RATIO: The Aluminium Putty is supplied in a kit form and Resin plus Hardener are supplied in the correct mixing ratio.

Mix: By Weight: 100 parts of Resin comp. A
10-11 parts of Hardener comp. B

Or: 1 x 12,5ml spoon = 23,5 g Resin comp. A
1 x 2ml spoon = 2,5 g Hardener comp. B

RECOMMENDED MIXING TIME / 25°C: 3 - 5 Minutes

RECOMMENDED MIXING METHOD:

Use a flat metal / wooden spatula or mechanical stirrer

Note: Stirring with a metal rod or screwdriver can cause an insufficiently mixed putty resulting in a slow setting time with inconsistent hardness and poor mechanical properties.

PRACTICAL WORKING LIFE / 25°C: 500g Mix: 50 Minutes
50g Mix: 90 Minutes

GELTIME / 25°C:
(5mm film thickness) 2½ - 3 Hours

SETTING TIME / 25°C:
(5mm film thickness) 5 Hours

PRACTICAL CURE / 25°C: 24 Hours

MAXIMUM STRENGTH PROPERTIES: After 7 days cure at 25°C

SPECIFIC GRAVITY / 25°C: Mixed Putty: 2,1 - 2,15 g/cm³

HARDNESS:
After 24 hours cure / 25°C Shore D 80 - 85
full cure / 25°C Shore D 80 - 90

ADHESION: Excellent to cleaned and roughened ferrous and non-ferrous Metal, Concrete, Asbestos, Masonry, Wood and to standard Epoxy

Compounds (individual tests are recommended on various plastics).

TEMPERATURE RESISTANCE: 110 - 120°C
(Cured 7 days at 25°C)

CHEMICAL RESISTANCE: Excellent against Oil, Grease, Petrol, Water, Detergents and diluted Acids. Satisfactory against medium strength Acids and various Cleaning Solvents Poor against concentrated and strongly oxidising Acids.

TOXICITY: Very low toxicity and skin irritation potential at ambient temperature. However, gloves should be worn and adequate ventilation must be insured during application.

STORAGE STABILITY: 12 months stored under dry and cool conditions in sealed containers.

NOTICE: The technical specification 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 and conditions of sale.

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