

## ELI-FIL EPOXY PUTTY FR/308

DESCRIPTION:	A white or black, ambient temperature curing, two pack Epoxy Putty
APPLICATION:	By hand, spatula, knife
VISCOSITY / 25°C:	Non-sagging putty
MIXING RATIO:	<u>By weight or volume</u> 1 Part Resin A 1 Part Hardener B
GELTIME/ 25°C:	1 – 1½ Hours
SETTING TIME/ 25°C:	2 – 2½ Hours
HARDNESS: (Cured 24h / 25°C)	Shore D: 80 – 82

### PHYSICAL & ELECTRICAL CHARACTERISTICS

ADHESION TO CONCRETE: (cleaned, sand blasted)	26 MPa (concrete broke down)
ADHESION TO STEEL: (cleaned, sand blasted)	9 – 10 MPa
TENSILE STRENGTH: (Din 53455)	31 MPa
COMPRESSIVE STRENGTH: (Din 53454)	85 MPa
DIELECTRIC STRENGTH: (3 mm thick specimen)	9.7 KV/mm
HEAT RESISTANCE: (Cured 24h / 25°C + 8 h / 60°C)	Putty is suitable for applications up to 90°C
HARDNESS AT	60°C Shore D: 81 – 82 80°C Shore D: 78 – 80 100°C Shore D: 72 120°C Shore D: 70
RESISTANCE TO LOW TEMPERATURES:	The Putty can be subjected to low temperatures of up to -30°C, once the putty components have been thoroughly mixed and cured for a minimum of 72 hours at ambient temperatures of 20 – 25°C.
VOLUME RESISTIVITY:	Min 5.7 x 10 <sup>10</sup> OHM/cm

RESISTANCE TO:	Oil, Detergents, Grease, Water:	very good
	Diluted Acids, Alkaline:	good
SOLVENTS:	Petrol, Alcohol, Turpentine:	good
	Xylene, Toluene, Esters, Ketones:	poor
	Methylene Chloride, Trichloroethylene,:	destroyed
FLASHPOINT:	>150°C	
IGNITION POINT:	>250°C	
STORAGE LIFE (In closed containers):	Minimum 12 months	
PACKAGING:	2 kg units	
NOTICE:	<p>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.</p> <p>The application, use and processing of the products are beyond our control and Elite Chemical Industries legal obligation in respect of any sale of its products shall be determined by the terms of its conditions of sale.</p>	