

Product Data Sheet:

HIGH STRENGTH EPOXY RESIN ADHESIVE

1KG

Grey

A MULTI-PURPOSE, EPOXY RESIN BONDING COMPOUND WITH AN EASY 1 TO 1 MIX RATIO.

FixMaster High Strength Epoxy Resin Adhesive is a two-component epoxy which has been specifically developed with exceptionally strong bonding properties for numerous substrates including: Ceramic, Steel, Metallics, Concrete, Aluminium, Steel, Rubber, Plastics and Cementitious Grouts.

It is very easy to use with a simple 1 to 1 mix ratio (by weight). Will cure in ambient temperatures with a non-flowing, easy to control viscosity.

- 1KG Kit (500g resin & 500g hardener)
- Non-flammable

HOW TO USE:

Surface Preparation

All surfaces should be dry, clean, sound and free from dust. Lightly abrade the areas where the adhesive is to be applied.

Mixing

Mix components together until a uniform viscosity is achieved.

Application

For best results use a brush, spatula or trowel.

CURING TIMES @ 20°C:

Gel Time 50-60 minutes

Curing Time 2 hours

COVERAGE:

1KG will cover 1m²

POT LIFE:

20 -30 minutes @ 25°C

SHELF LIFE:

One year in sealed containers.

TECHNICAL INFORMATION:

Specific Gravity – mixed system 1,05/g/cm³

Viscosity/25°C – mixed system – semi thixotropic paste (33000 m Pa.s)

Heat Resistance – 70°C Continuous exposure

Adhesion to Steel - > 10 MPa

Adhesion to Ceramics – 12 >MPa

TYPICAL CURED PROPERTIES:

Hardness after 24 hours – Shore D80

Tensile Strength – 17 MPa

Impact Withstand – >5 KJ/m²

Flexural Strength - > 20 MPa

Compressive Strength – 70 MPa

Water Absorption – >1% immersed for 24 hours