



Original A+B

Description

Geomfix Original A+B Epoxy Modelling Putty has multiple uses in model making, sculpture and restoration. The putty is ceramic-filled, making it harder than other putties and easier to handle. It is perfect for building up bulk, whilst at the same time has a fine grain structure which holds intricate details when carved and shaped. It has a work time of up to two hours. A full cure is achieved in 24 hours, without the need for heat. Geomfix can be smoothed with water and worked with tools. It sets to a ultra-smooth, ceramic like material.

Suitable for interior or exterior use, Geomfix bonds to metal, brick, concrete, wood, masonry, porcelain, ceramic, most plastics, glass, stone, jewellery and fabric. It cures on wet surfaces and underwater, and is resistant to chemicals, hydrocarbons and temperature extremes. It contains no solvents or VOC's, is non-flammable, releases no noxious fumes and it won't shrink or pull away when setting. The unused portion stays fresh for future use when saved in its original packaging.

Advantages

- Hard setting, making it easier to handle and better at withstanding curing
- Cures without heat
- Fine grain structure holds intricate details
- Bonds to metal, wood, brick, most plastics, glass, stone, wood, ceramic, jewellery and fabric
- Smooth finish
- Available in White, Black or Silver-Grey

Applications

- Scale model making and conversions
- Building bulk and creating detailed masters
- China and ceramic restoration
- General DIY and repair tasks

Directions for Use and Packaging

Geomfix Original is a two-part epoxy putty with the resin and hardener supplied as separate components. Part A and Part B are mixed together in even quantities by volume or weight. The putty is kneaded until it is uniform in colour, after which it can be worked, shaped and applied as required.

Product Code

GF-*colour*-250g
GF-*colour*-500g
GF-*colour*-1kg

Pack Size

250g
500g
1kg

Product Code

GF-*colour*-2.5kg
GF-*colour*-10kg
GF-*colour*-20kg

Pack Size

2.5kg
10kg
20kg

Colour Key

WHITE = White
BLACK = Black
SILVER-GREY = SilverGrey

Technical Data

Working time.....1.5 - 2 hours at 20°C
Cure time (firm).....4 hours at 20°C
Cure time (hard)10 hours at 20°C
Full cure.....24 hours at 20°C
Application temperature.....+5°C to +35°C *Cure speed will be quicker above 35°C and slower below 5°C*
Service temperature
 Continuous-20°C to +130°C
 Intermittent-20°C to +300°C (dry)
Specific gravity2.00
Shore D Hardness90
Tensile Strength.....24 MPa
Compressive Strength.....80 MPa
Lap Shear Strength (steel)3.5 MPa
Typical properties: for information only; not for specification purposes.

Storage

Geomfix Original should be stored out of direct sunlight in dry frost free conditions of temperatures between 15°C and 20°C. Under such conditions, shelf life will be 18 months from the date of manufacture.

Health & Safety

Geomfix Original consists of epoxy resins and hardener systems. Wear rubber or plastic coated gloves and refer to the Safety Data Sheet.

Whilst all reasonable care is taken in compiling technical data on the Company's products, all recommendations or suggestions regarding the use of such products are made without guarantee, since the conditions of use are beyond the control of the Company. It is the customer's responsibility to satisfy themselves that each product is fit for the purpose for which they intend to use it, that the actual conditions of use are suitable and that in the light of our continual research and development programme the information relating to each product has not been superseded.