

Description

EP 2132/C Epoxy Putty is a high quality structural adhesive filler based on epoxide resins and has been the cable gland industries standard for many years.

Appearance

The resin component is red in colour and the hardener component is beige/buff in colour.

Applications

Cable joint sealing and filling (BASEEFA Approved).
General purpose adhesive and stopping compound.
Model and mould making.

Processing

EP 2132/C is supplied as a two part system, equal parts of the resin and hardener components are mixed by kneading in the hands until an even colour is achieved. This can be best achieved by rolling and folding.

Handling Precautions

EP 2132/C is intended to be mixed by hand, however all putties of this type are manufactured from reactive chemicals which can cause skin irritation especially to those people with a history of chemical allergy. Whilst these products have been used safely in industry for over 25 years we would recommend the use of gloves or a barrier cream.

Usable Life

This will depend upon the bulk mass and temperature. Approximate figures are;

25 gms wt: 2 hours @ 25°C.
25 gms wt: 3 hours @ 15°C.

Cure

This will depend upon the bulk mass and temperature. Approximate figures are;

25 gms wt: 12 hours @ 25°C.
25 gms wt: 24 hours @ 15°C.

Mechanical Properties of Cured Mix

Tensile strength BS 6319:	2 days min. 30 Mpa
Compressive strength BS 6319:	4 days min. 40 Mpa
Hardness:	min. 75 shore D
Specific Gravity @ 20 °C.:	1.84 to 1.99

Electrical Properties of Cured Mix

Calculated Comparative Tracking Index (CTI) 600V

Resistance Properties of Cured Mix

Water absorption BS 2782/502S:	0.001%
Temperature:	-60 to 150°C.

Storage

The resin and hardener components are supplied in plastic pouches, and should be stored at a temperature of between 5°C and 25°C. Storage at higher temperature in particular, is likely to result in faster degradation in performance, and shorter shelf-life.

This information is intended only for general guidance in the application of our products. It has been obtained by careful investigation and represents the present state of our knowledge and experience. Because of the wide number of possible methods of application and processing we are not able to assume responsibility in any one particular case for either the technical results or patent rights situation applicable to the country under consideration.

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