



Prysmian
Group

BICASEAL 2 Solid Setting Putty

Description

Bicaseal is a two part putty mix, supplied as individually wrapped sticks of resin and hardener, which are different in colour to aid complete mixing. It has a usable life of 60 minutes at 20°C with an average setting time of 1 hour 30 minutes.

It becomes a hard mass after approximately 4 hours. It should ideally be left, without any movement, over night to cure fully. At reduced ambient temperatures, the setting time will increase and the mixing of the two components will become more difficult. Before application of the putty mix, ensure that the surfaces are clean and free from oil or lubricants, and where possible roughen the surfaces to aid adhesion. Water immersion, or the presence of water, will not prevent setting.

However, for good seals the surface should be dry. The maximum continuous operating temperature is 120°C, (with a maximum temperature of 450°C for short periods of time). Bicaseal putty is not affected by oils (e.g. transformer oil) and the surfaces may be painted after curing.

Applications:

- **Cable Terminating:**

Bicaseal can be used for capping ends of metal or PVC/XLPE sheathed cables and for sealing the crutches of PVC/XLPE cables. It can be used to make a 'wipe' between a service box and a PVC/XLPE sheathed cable. Neat plumbs can be formed with Bicaseal.

- **Development:**

Can be used for modelling prototypes, is an excellent medium for moulding, and can be machined when fully cured.

- **Repairs:**

Bicaseal is an effective medium for repairs to objects made of wood, metal, ceramics etc. The joint made between most materials have good mechanical strength.

Mixing: Equal lengths of resin and hardener should be cut from the sticks and worked together by hand until a uniform colour is achieved. It is important that the equal amounts of resin and putty are mixed together, as incorrect quantities will adversely affect the compound. The putty is easy to mix and starts to set as soon as mixed.

Hygiene: As the compound is an epoxy putty, a small proportion of users could be sensitive to it. Normal hygiene standards should be set by the user, i.e. wash hands immediately after use. Disposable plastic gloves should be worn during both mixing and application.

During cold weather, it is advantageous for the compound to be warmed to aid mixing and thus avoid damage to the gloves.

Packing: Each 0.5kg pack of Bicaseal contains two sticks each of resin and hardener, individually wrapped.

Specifications

| Compound Selection | | | |
|--------------------|--------------------------|------------------|---------------------------------------|
| Part Number | New Prysmian Part Number | Reference Number | Description |
| UF7061252 | CGBUF7061252 | CGBUF7061252 | F7061252 Bicaseal Putty In 0.5Kg Pack |

FREE Technical Advisory Service

Etech maintains a free technical advisory service.

Enquiries concerning this and all other products should be directed via the sales office:- +44(0) 1744 762 929