

PHOENIX® METAL CASEMENT PUTTY

Version No. 3

Revision Date: 19/07/2013

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DESCRIPTION

Setting compound formulated especially for use in glazing of steel frames.

KEY FEATURES

High quality hand-applied glazing compound.

Designed to be overpainted.

The UK's best selling Metal Casement putty.

Suitable for external use only.

Excellent working characteristics.

Good long-term performance.

Ideal for use on primed steel and hardwoods.

A setting glazing compound.

TECHNICAL APPROVALS

Metal Casement Putty is a Type O setting compound as defined in BS 6262: 1982 – Table 5

Conforms to BS 8000 Part 7

USES

For bedding and external fronting single glass into primed steel and timber frames that will subsequently be painted.

For bedding and external fronting single glass into sealed hardwood and concrete that will subsequently be painted.

For external putty fronting.

LIMITATIONS

Do not use directly against laminated glass. Please contact our Technical Department.

Do not use paints with strong solvents such as xylene.

Do not use on insulated glass units, please contact our Technical Department.

Not suitable when the frame/product is to be stained or coated with a microporous paint (See Colourglaze putty).

Do not use for bead glazing of single glass. See Butyl 66 data sheet.

Ensure that all components in the glazing system are compatible.

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PERFORMANCE

Adhesion: Good to primed steel & timber, sealed hardwood and concrete.

Base technology: Drying oil

Chemical Resistance: Fair to dilute acids and alkalis

Curing system: Sets initially by loss of volatile then reaction with oxygen in the presence of moisture.

Mould Resistance: Good

Movement accommodation: <5%

Paintability: Must be painted as soon as the putty has formed a skin firm enough to accept the actions of overcoating. Apply the first coat within 7-21 days. The final coat should be applied within 28 days.

Service life (predicted): 10 years when glazed in accordance with GGF Section 4.1 'Basic Putty Fronting Glazing Techniques for Single Glass'
Service temperature range: -20°C to +70°C

Staining: Can cause staining of porous surfaces if not previously sealed.

UV resistance: Good

APPLICATION

PROPERTIES

Application temperature range: +5°C to +30°C

Shelf life: 3 months when stored in original containers in cool, dry conditions. Some separation of oil may occur which should be mixed back into the putty before use.

Skimming time: Skin forms after approximately 2 - 4 days outdoors, dependent on ambient temperature and humidity.

Working time: Approximately 4 hours.

INSTRUCTIONS

Remove all dust, grease and loose material from the rebate. Any moisture on the timber should be wiped off using a clean paper towel or other absorbent material to give a dry surface.

Check the condition of the primer on the frame, especially the rebate. Any section, which has been partially missed or is considerably weathered should be reprimed before glazing. One coat of primer to BS5358: 1986 applied to new softwood will allow sufficient oil to be absorbed into the frame.

Apply putty to rebate and insert setting blocks.

Place pane on setting blocks, centralise, press into putty to give a back bedding of 1 – 2mm throughout and secure pane mechanically i.e. with metal sprigs or clips.

Location blocks should be used in side hung opening windows to hold the glass in place.

Apply further fronting putty and knife at an angle finishing about 2 mm below the sightline. Brush putty with soft brush to seal to glass. Knife off back bedding, sloping away from glass.

The maximum fillet size to allow correct setting is 15mm high x 25mm wide.

The minimum fillet size is 8mm high x 10mm wide.

EQUIPMENT

A selection of useful tools and accessories is also available and includes:

Glazing blocks, tooling block, trimming knives, hacking knives, glazing shovel, glass cleaner, high powered & standard guns.

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PACKAGING

25kg bucket – individual

Colour: Grey

HEALTH AND SAFETY

There are no known health hazards associated with Metal Casement Putty when used as recommended.

Wash hands immediately after use.

See Product Safety Data Sheet for further information.

GENERAL

Phoenix® Metal Casement Putty is part of a full range of putties, glazing compounds and tools designed for the professional user. For further information please contact our Customer Care Team or visit our Website.

The information given in this product data sheet is based on laboratory tests and experience which we believe to be correct. Properties quoted are typical and do not therefore constitute a specification. In view of the wide range and variability of substrates, we would advise that our product should be tested by the user to establish suitability for its intended application. E &OE.