PRODUCT DATA SHEET

Hodgson

PHOENIX® RAPID SET PUTTY

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DESCRIPTION

A two-part setting glazing compound.

KEY FEATURES

A two-part high quality hand applied glazing compound.	Designed to be overpainted.
Forms a skin in less than half the time required by conventional putties.	Still manufactured using traditional methods.
Excellent working characteristics.	Suitable for internal and external use.
Ideal for use on primed timber or steel.	Good long term performance.

TECHNICAL APPROVALS

Rapid Set Putty is a Type 1 setting compound as defined in BS 6262: 1982 – Table 5

USES

For bedding and fronting single glass into primed steel and timber frames which will subsequently be painted.	Especially suitable for internal putty fronting, for example in the refurbishment of steel frames
Ideal for use in schools and other environments where speed of set is essential.	

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.

PERFORMANCE

Adhesion: Good to primed softwood and hardwood. Also good against steel.
Base technology: Drying oil

Curing system: Sets initially by loss of volatile components and reaction with hardener followed by reaction with oxygen in the air 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 typically within 7 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

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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

Skinning time: Skin forms after approximately 1 – 2 days, dependent on ambient temperature and humidity.

Working time: Approximately 1 hour. Do not mix more material than can be applied within this period.

INSTRUCTIONS

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

Check the condition of the primer or stain 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.

Rebates of hardwood frames which are to be protected with clear varnish should be sealed with Timber Sealer.

Mix the hardener (white powder in plastic bag) with the putty so that it is evenly dispersed throughout. Each plastic bag contains sufficient hardener for 5kg of putty.

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.

PACKAGING

10kg bucket – individual	Colour: Natural

HEALTH AND SAFETY

There are a number of health and safety issues associated with this product, please consult the Product Safety Data Sheet prior to use of the product.

GENERAL

Phoenix® Rapid Set 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.

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