**PRODUCT DATA**

Date: 22 May 2005

Information Sheet No.: ZV0284

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**VALLANCE MULTI-PURPOSE LINSEED OIL PUTTY**

A TRADITIONAL PUTTY

Vallance Multi Purpose Linseed Oil Putty is a hand-applied setting-type glazing putty, for the external face glazing of timber or steel frames. Although based on linseed oil, the formulation has been modified to give improved drying on non-porous surfaces. When used in metal frames, through setting of the putty will be slower than in timber frames. For large areas of steel frame glazing the use of a metal casement putty is recommended.

**USES**

Multi Purpose Linseed Oil Putty is intended for external face glazing of single glass into steel and softwood frames which are to be painted and can be regularly maintained.

**LIMITATIONS**

- Unsuitable for insulated glass units, heat absorbing glass.
- Not suitable for glazing in structures specifically designed for retaining heat such as green houses or conservatories.
- It is not suitable for glazing flush edged insulated glass units or any specialist glass’s. This product will not accommodate the increased expansion and flexing associated with these types of glass.
- Do not use for glazing timber frames treated with decorative stains or for plastic frames.

**INSTRUCTIONS FOR USE**

- All glazing should be carried out in accordance to BS6262 (1982) "Glazing for Building".

**SURFACE PREPARATION**

- It is recommended that all surfaces should be dry, clean and free from contamination.
- Soft wood frames should be primed with an oil based priming paint conforming to BS5358 or an acrylic based primer conforming to BS5082.
- Galvanised steel frames should be well weathered before glazing or primed with suitable metal primer. If calcium plumbate primer is used, it must be allowed to completely harden before glazing.

**APPLICATION**

- Thumb the putty firmly into the angle of the rebate and then cut back to a smooth fillet with a putty knife.
- The edge of the putty should be smoothed onto the glass and the frame to ensure good contact and adhesion.

**PAINTING**

- Vallance Multi Purpose Linseed Oil Putty requires protection with a full paint system comprising of undercoat and at least one top coat applied after the putty lines have set sufficiently to accept paint, but within 4 weeks of glazing.
- Painting should be avoided whilst the putty surface has only skinned.
- Where painting is not carried out within the 4 week period, cracking and loss of adhesion may occur.
- Varnish and preservative stains should not be used as they do not provide sufficient protection to the putty from general weathering.

**MAINTENANCE**

- Both the paint system on the putty and the frame must be maintained at regular intervals, in order to avoid loss of service life.
- When applying further paint coatings, always ensure that the paint seal overlapping the putty onto the glass is achieved and that the frame itself is well maintained with particular attention given to joints and end grains.
PRODUCT DATA

Date: 22 May 2005

COVERAGE: 2-4 metres per kg depending on rebate dimensions.

SHELF LIFE: Approximately 4 months when stored in unopened containers in cool conditions. Some drying of the putty may occur after approximately 3 months and the putty will require working together to restore it to a workable condition.

PACKAGING

<table>
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<tr>
<th>Code</th>
<th>(NATURAL)</th>
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<th>(Brown)</th>
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<tbody>
<tr>
<td>V1042P</td>
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<td>V8865P</td>
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<tr>
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<td>V711BP</td>
<td>1kg x12</td>
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<td>V712NS</td>
<td>25kg x1</td>
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</table>

HEALTH AND SAFETY: Available separately in file named as the packaging code above.

TYPICAL ADHESIVE CHARACTERISTICS

Physical Form: A blend of whiting, Linseed Oil and minor amounts of drying additives
Form: Ready to use hand applied putty
Colour: Natural or Brown
Specific Gravity: 2.03
Setting Time: Depends on temperature and weather conditions. Generally dry, hot conditions will slow down setting. Skins, usually within 7 to 10 days and painting is recommended once the putty has firmed, and before 28 days from glazing. In steel frames through setting will be slower than in timber and it may be necessary to leave the putty for longer before painting.

Application Temperature: +5°C to +30°C
Surface Temperature: -30°C to +70°C
Service Life: In excess of 20 years, providing application is in accordance with BS6262 (1982) and full paint protection is regularly maintained

Movement Capability: Low. Setting Glazing Putties will only accommodate slight differential movement such as occurs between single glass panes and painted steel or timber frames.

Sales & Technical contacts at Bostik

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