

SEAMSEAL BR

Version No. 4

Revision Date: 18/03/10

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DESCRIPTION

Solvent-release bedding sealant.

KEY FEATURES

A high quality solvent-release bedding sealant made from a carefully selected blend of rubbers, fillers and polymers.

Capable of accommodating some movement.

Adheres well to a wide variety of surfaces.

Good resistance to mould.

Good resistance to dilute acids and alkalis.

Remains pliable once cured.

TECHNICAL APPROVALS

Seamseal BR is a plastic sealant as defined in BS 6213: 1982 Selection of Construction Sealants.

USES

For bedding aluminium window frames into timber subframes.

For sealing profiled foam fillers.

For sealing seams in joints and ductwork.

General bedding and joint sealing in automotive, caravan and boat industries.

For general sealing in roofing and cladding where a thin joint is required e.g. flashings.

Note: Seamseal BR is not recommended for use on surfaces which can be affected by white spirit eg bitumen.

PERFORMANCE

Adhesion: Good to wood, brick, concrete, glass and many metal surfaces.

Base technology: Rubber polymer

Chemical resistance: Good to dilute acids and alkalis.

Curing system: Solvent release

Mould resistance: Moderate

Movement accommodation: $\pm 10\%$

Paintability: Suitable for overpainting once a good skin has formed.

Service life (predicted): 15 years

Service temperature range: -20°C to $+90^{\circ}\text{C}$

Shrinkage: Approximately 13%

Specific gravity: 1.50g/cm^3

Slump: Nil (up to 20mm x 10mm vertical channel)

Staining: Nil

UV resistance: Good

Volatile content: 13%

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APPLICATION

PROPERTIES

Application temperature range: +5°C to +30°C rate of cure will depend on ambient temperature and relative humidity.

Priming: Primers are not normally required for good adhesion to most non-porous surfaces.

Shelf life: 12 months in unopened packaging when stored in cool, dry conditions.

Skimming time: An initial skin will form after approximately 4 hours.

Working time: Tooling can be carried out with a wet spatula within 10 minutes of application.

INSTRUCTIONS

Joint design: Please consult the **Technical Information Sheet** entitled 'Joint design for cartridge based products' prior to application.

Surface preparation: All surfaces must be clean, dry and free from frost, grease and loose materials. Apply primer if required. In situations where an especially neat finish is required, use masking tape to cover the face edges of the joint and remove immediately once tooling has been completed

Cut the top of the screw thread off the cartridge and screw on the nozzle. Cut nozzle to correct diameter for joint size. Apply using a skeleton or powered gun into the joint ensuring good contact with surfaces.

Tooling: Tool immediately with a spatula wetted with white spirit within 10 minutes of application.

EQUIPMENT

A selection of hand & air operated guns is available for cartridge and/or sausage application including a high power type especially suitable for filling deep voids.

PACKAGING

380ml cartridges - 24 per case.

Sausages for volume application are also available upon request.

Colours: Grey (other colours available on request).

ESTIMATING QUANTITIES

$$\text{Number of cartridges} = \frac{\text{Joint depth (mm)} \times \text{Joint width (mm)} \times \text{Length (M)}}{\text{Volume of cartridge (ml)}}$$

This calculation does not allow for wastage.

HEALTH AND SAFETY

The product is flammable with a Flash point of 50°C (supports combustion, until solvent has fully evaporated). Contains white spirit.

See Product Safety Data Sheet for further information.

GENERAL

Seamseal BR is part of a full range of speciality sealants and tapes 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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