

BUTYRUB

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Technical data:

Basis	Polybutylane
Consistency	Stable paste
Curing system	Oxidative drying
Skin formation	Within 24 hours
Density	Ca. 1,70 g/ml
Temperature resistance	-20 °C → 80 °C
Application temperature	5 °C → 30 °C
Total solid content	100 %
VOC (%)	%12, VOC <%1
VOC g/Litre	17

(*) these values may vary depending on environmental factors such as temperature, moisture, and type of substrates.

Product description

Butyrub is a high-quality, permanent plastic, one-component sealant. Butyrub is a polybutylene based paste formulated with butyl polymer and polyisobutylene.

Properties

Very easy to apply

Forms an elastic and tight skin

Butyrub is resistant to moisture. So that air vapor is impermeable.

It remains doughy and provides high degree of insulation.

Very good adhesion on many porous materials

Excellent resistance to many chemicals

UV-resistant, Weatherproof

Adhesion to many materials without lining

Applications

Joints with limited movement (max. 8%).

Sealant for joints in masonry, door- and windowframes, windowsills

Installation of single glass in wooden, concrete and steel window frames like in greenhouses.

Connection details of aluminium galvanized and metal constructions

Sealing of joints in coachwork and container construction.

Sealing of all openings in roof constructions.

Repairing and renovation of roofs and gutters.

Packaging

Colour: white, grey, brown, black

Packaging: 310 ml cartridge, 600 ml sausage, 30 kg drum

Shelf life

12 months in unopened packaging in a cool and dry storage place at temperatures between +5°C and +30°C.

Substrates

Substrates: all usual building substrates, wood, concrete, stone, aluminium, all metals

Nature: clean, dry, free of dust and grease.

Surface preparation: No pretreatment required
We recommend a preliminary compatibility test. There is no adhesion on PE, PP, PTFE (Teflon®) and bituminous substrates.

Joint dimensions

Min. width for joints: 5 mm

Max. width for joints: 20 mm

Min. depth for joints: 5 mm

Recommendation sealing jobs: joint width = joint depth. Use PE backer rods before applying the sealant in large joints to avoid 3-point adhesion.

Application method

Application method: With manual- or pneumatic caulking gun. Finish with spatula or filling knife.

Cleaning: Clean with white spirit or Surface Cleaner immediately after use. After curing can only be removed mechanically.

Finishing: With a soapy solution or Soudal Finishing Solution before skinning.

Repair: With the same material

Remark: This technical data sheet replaces all previous versions. The directives contained in this documentation are the result of our experiments and of our experience and have been submitted in good faith. Because of the diversity of the materials and substrates and the great number of possible applications which are out of our control, we cannot accept any responsibility for the results obtained. Since the design, the quality of the substrate and processing conditions beyond our control, no liability under this publication are accepted. In every case it is recommended to carry out preliminary experiments. Soudal reserves the right to modify products without prior notice.

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Health- and Safety Recommendations

Take the usual labour hygiene into account.
Consult the packaging label for more information.

Remarks

Do not use in applications where continuous water immersion is possible.
Paintable with most paints.
The paint should be sufficiently elastic to be applied to a plastic sealant.
Given the great diversity in available paints it is recommended to do a compatibility test prior to application.
Not suitable for sealing of insulation glass units or safety glass.
Do not use on natural stones like marble, granite,...(staining). Use Soudal Silirub MA or Silirub+ S8800 for this application.

Environmental clauses*Leed regulation:*

Butyrub conforms to the requirements of LEED. Low –Emitting Materials: Adhesives and Sealants. SCAQMD rule 1168. Complies with USGBC LEED® 2009 Credit 4.1: Low-Emitting Materials – Adhesives & Sealants concerning the VOC-content.

Liability

The content of this technical data sheet is the result of tests, monitoring and experience. She is general in nature and does not constitute any liability. It is the responsibility of the user to determine by his own tests whether the product is suitable for the application.

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