

Butyrub

Description

Butyrub is a high quality, permanent plastic one-component sealant based on polybutene. Butyrub is a not completely in depth curing joint sealant which forms an elastic and watertight skin.

Properties

- Easy to apply
- Can be applied horizontally as well as vertically
- Forms an elastic and tight skin
- Paintable after 24 hours
- Very good adhesion on many porous materials
- Excellent resistance to many chemicals
- UV-resistant
- Weatherproof
- Watertight



Application

- Connection joints with limited movement in building industry
- Sealant for joints in masonry, door- and window frames, windowsills
- Installation of single glass in wooden, concrete and steel window frames like in greenhouses
- Sealing of all openings in roof constructions
- Repairing and renovation of roofs and gutters

Technical data

Base	Polybutene
Consistency	Paste
Curing system	Oxidative drying
Skin formation (minutes)	After 24 hours
Density (g/ml)	ca. 1.7 g/ml
Maximum allowed joint movement (%)	Max. 5
Application temperature (°C)	+5 to +30
Temperature resistance (°C)	-30 to +80

Footnote: skinning time and curing speed may vary depending on environmental factors such as temperature, moisture, and type of substrates.

Substrates

- Substrate condition
The surface must be rigid, clean, dry, free of dust and grease.
- Substrate preparation
No pretreatment required.
- Substrate types

Butyrub has a good adhesion to all common materials including lacquered wood, concrete. Butyrub has no good adhesion or is not suitable for PE, PP, PTFE (Teflon®), bituminous substrates. We recommend a preliminary adhesion test on every surface.



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Application method

- Application method
Apply the product with a manual, pneumatic or accu caulking gun.
- Cleaning method
Clean with White Spirit or Soudal Surface Cleaner immediately after use. Mechanically removable after skin formation.
- Finishing method
Finish with a soapy solution or Finishing Solution before skinning.
- Repair method
Repair with the same material.

Health and Safety Recommendations

Take the usual labour hygiene into account. Consult the packaging label and safety data sheet for more information.
Keep the area well-ventilated during use and curing of the product.
Dangerous. Respect the precautions for use.
Use only in well-ventilated areas.

Packaging/Logistics

Colour: White, Grey, Black
Packaging: 300ml cartridge
Shelf life: 12 months from the date of production. The product must be stored in its original, undamaged, and sealed packaging under dry conditions, protected from direct sunlight, and at temperatures between +5°C and +25°C.

Joint Dimensions

Min. width for joints: 5 mm
Max. width for joints: 20 mm
Min. depth for joints: 5 mm
Recommendation for sealing jobs: joint width = joint depth

Use PE backer rods before applying the sealant in large joints to avoid 3-point adhesion.

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.

Environmental Clauses

- Do not use in applications where continuous water immersion is possible.
- Paintable with most paints.
- Given the great diversity in available paints, we recommend 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).

This technical data sheet supersedes all earlier versions. The information provided is based on our tests and practical experience and is supplied in good faith as general guidance only, without creating any liability. Since materials, substrates, application design, and processing conditions vary widely and are outside our control, we cannot accept responsibility for the results obtained from use of this information. The user must verify suitability for the intended application through their own testing, and preliminary trials are recommended in all cases. The manufacturer reserves the right to change product specifications without prior notice.