



Butyl Tape 70S

11.2022

Celdex Butyl Tape 70S is a premium cross-linked extruded grey butyl rubber, single-sided fitted with a black, lead or aluminum coloured PET/aluminum foil. At the other side the butyl rubber is protected by an easily removable release liner.

PROPERTIES

Butyl Tape 70S is suitable as a durable sealing in curtain walls, timber frame constructions, steel constructions and cladding. An air and waterproof connection for mounting frames, conservatories and terrace roofs. A joint sealant for connection joints in concrete constructions. An airtight sealing of ventilation ducts. A sealing of roof edge details. A repair agent for gutters and drain pipes. Available on roll.

CHARACTERISTICS

- Butyl rubber is permanent elastic, will not cure
- High adhesive strength
- Single-side fitted with a PET/aluminum foil (black/lead/aluminum)
- Removable release liner at other side
- A durable sealing in curtain walls, timber frame constructions, steel constructions and cladding
- An air and waterproof connection for mounting frames, conservatories and terrace roofs

- As a joint sealant for connection joints in concrete constructions
- As an airtight sealing of ventilation ducts
- As a repair agent of gutters and drain pipes
- Available on roll

PROCESSING GUIDELINES

The substrate must be clean, dry and dust-free. Use the correct tape size for every joint width. After application, firmly press the Celdex Butyl Tape 70S manually or with the Celdex Pressure Roller. Pre-treat porous or absorbing substrates, such as aerated concrete, lime-sand stone, masonry, poured and prefab concrete, with Celdex Butyl Primer (white) or perform adhesion tests in advance. Avoid air entrapment during application. If the tape is used as a replacement of bitumen tape, all bitumen residues and greasiness will need to be removed with a solvent. Afterwards, apply Celdex Butyl Tape 70S at least 10 cm wider than the old bitumen strip. Store the product dry, in its closed original packaging.



Seal4Prefab

Butyl Tape 70S is part of the Seal4Prefab sealing system. The system consists of an airtight, insulating and driving rain seal. Seal4Prefab has been specifically developed for the prefab construction & industry.

SAFETY

No specific safety guidelines exist for this product. Wear Personal protective equipment (PPE) when using Butyl Primer. Ask before use the Safety Data Sheet of Celdex Butyl Primer.

MAINTENANCE INSPECTIONS

Possible damages to the sealing materials can be timely identified by performing periodic inspections. In order to prevent consequential damage, reconstruction works will be carried out in consultation with Celdex. Before any reconstruction works are carried out, it is essential to establish the cause of the damage to the sealing and to ask Celdex for additional advice. This can be done by means of targeted visual inspections or by assessing the damage in a laboratory.

IN CASE OF DOUBT

When in doubt, or in case of deviating circumstances, you can contact our Technical Department. Would you prefer customised advice? Our technical consultants will be happy to help you.

CELDEX

Celdex is a producer of synthetic foam products for construction, industry, sports & leisure. In addition to a wide range of standard products, we also provide customisation. Whichever product you choose, we produce everything in-house and use short delivery times. Celdex is the one discussion partner for airtight construction for architects, construction companies and the supplying industry. Our consultants have broad constructional know-how and think along about construction, use of material and critical connections. Our products can usually be applied prefab, which saves a lot of time and construction costs. Throughout the building process, we provide advice about the application and processing of our materials, aiming for optimal performance.

Discover our assortment:

- Foam fillers
- Stone wool products
- Single-sided and double-sided adhesive foam tapes
- Pre-compressed foam tapes
- Butyl tapes
- Fire-resistant products
- Anti-drumming materials
- Duct seals
- Tapes
- Polyurethane foams, elastic sealants and adhesives

TECHNICAL DATA

Weight	1.3 g/m ³
Colour	Black/lead/aluminum
Thickness (ASTM D3652)	0.8 mm
Adhesive strength (loop tack-ASTM D6195)	≥ 35N/in ²
180° Peel adhesion (ASTM D3330)	≥ 40N/in
Tensile strength (ASTM D882)	80 Mpa
Elongation at break (ASTM D882)	38 %
Water absorption	Non
Water vapour permeability	Non
Fire class (DIN 4102)	B2
Durability (DIN 4108-1)	Complies, 120 aging days, expected lifetime > 17 years
Service temperature range	-20 °C to +80 °C
Application temperature	> +5 °C
UV-resistance	Good
Shelf life at storage temperature 20 °C	12 months in closed original packaging in cool, dry conditions

The data on this product data sheet was represented as complete and as correctly as possible, but cannot constitute any guarantee. When in doubt, please consult one of our specialists. The application method, as also the application conditions will be your own responsibility. Deliveries will take place exclusively in conformity with our General Delivery and Payment Conditions.