



EPDM Framework Foam Tape

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Celdex EPDM Framework Foam Tape is a soft semi-closed-cell EPDM rubber with adhesive backing. The foam tape is suitable as a durable airtight sealing of frameworks on lime-sand stone and concrete cavity wall leaves. After removal of the release liner, EPDM Framework Foam Tape can be applied directly off the reel, prefabricated if necessary, onto the framework.

PROPERTIES

The foam tape achieves its sealing properties through compressing. To meet the specifications, such as airtight, thermally and acoustically insulating, a minimum compression of 20 % will be sufficient. The product offers protection against draught, dust, heat loss and noise. The foam tape is available on reel in the colour black.

CHARACTERISTICS

- Semi-closed-cell EPDM rubber
- Suitable for prefabrication
- As a durable airtight sealing of frameworks on lime-sand stone and concrete cavity wall leaves
- Single-sided adhesive
- Easily compressible
- Resistant to aging

- Unevennesses are filled
- Remains elastic in case of joint movement
- Protects against draught, dust, heat loss and noise
- Colour: black

PROCESSING GUIDELINES

Thoroughly remove dust, dirt and grease from the substrate with neutral Celdex Cleaner. The foam tape must be applied without tension. The flexibility of the EPDM Framework Foam Tape makes the application in corner details easy. The foam tape can be taped in a 90° corner. Lengthwise butt joints should always be cut oversized and applied with overlength. In case of high airtightness requirements (class 2 and higher) glue the butt joints using Celdex 8400/31 contact adhesive. A compression of 20 % is needed to meet the specifications of airtightness and resistancy to aging. After application apply extra pressure with the Celdex Pressure Roller.



SAFETY

No specific safety guidelines exist for this product.

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

Density	90 kg/m ³
Adhesive	Acrylic
Compression for sealing	20 %
Colour	Black
Required compression	25 % (2.9 kPa) 50 % (4.8 kPa)
Tensile strength	92 kPa
Elongation at break	170 %
Service temperature range	-40 °C to +120 °C (short term +150 °C)
Application temperature	+10 °C to +40 °C
Airtightness (EN 1026) 50 % compression	Qv10 = 0.010 dm ³ /s
Airtightness (NEN/EN 12207) 50 % compression	Class 4 (SHR report 16.0222)
Airtightness (NEN 2687) 50 % compression	Class 3 (SHR report 16.0222)
Airtightness (c-value) 20 % compression	0.00103 dm ³ /s.m.Pa ⁿ (SHR report 16.0222)
Airtightness (c-value) 50 % compression	0.00025 dm ³ /s.m.Pa ⁿ (SHR report 16.0222)
Airborne sound insulation (ISO 10140-2:2012) (Rw)	34 (-1;-2) dB
Fire behaviour (FMVSS 302)	< 100 mm/min
Sound absorption (500-2000Hz)	Very good
Thermal conductivity	0.037 W/mK
Durability	BRL 2804-1 aging
UV-resistance	Good
Available thicknesses	25/2-15 mm x 110 m /reel/ others on request
Joint type	All joint types possible
Shelf life at storage temperature 20 °C	12 months in closed package

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.