



EPDM Cellular Rubber

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Celdex EPDM Cellular Rubber is a closed-cell rubber. Suitable as a sealing in various applications in the construction & industry, for parallel surfaces. EPDM Cellular Rubber is available with or without adhesive backing. Available in black, on sheet, roll, reel and as custom punch parts.

PROPERTIES

EPDM Cellular Rubber is a closed-cell rubber and serves as a sealing for various applications. This product complies with various specifications, such as airtight, watertight, thermally and acoustically insulating when compressed for at least 20 %. EPDM cellular rubber can be used as a sealing in various applications within the construction and industry in case of parallel surfaces.

CHARACTERISTICS

- Closed-cell EPDM cellular rubber
- With or without adhesive backing (acrylate)
- For various sealing applications in construction and industry
- Limitedly resistant to acids, oils and alkalis
- Available on sheet, roll, on reel and as custom punch parts
- Colour: black

PROCESSING GUIDELINES

Thoroughly remove dust, dirt and grease from the substrate with neutral Celdex Cleaner. Use the correct size for every joint width. After removal of the release liner, EPDM Cellular Rubber can be applied to the substrate. For a correct sealing, it is required to connect the EPDM tape to the jointing surfaces and compress it approx. 20 %. Apply the EPDM tape without tension and even pressure to the substrate, while preventing air entrapment. The tape should not be taped around corners. Lengthwise butt joints should be cut oversized and applied with overlength. The tape should be recessed in the joint by at least 5 mm. After application apply extra pressure with the Celdex Pressure Roller.



Seal4Prefab

EPDM Cellular Rubber 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.

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	100 kg/m ³
Shore hardness (00)	35-40
Colour	Black
Adhesive	Acrylic
Airtightness (NEN EN 12207) 20 % compression	Class 4
Airtightness (NEN 2687) 20 % compression	Class 3
Service Temperature Range	-30 °C to +85 °C (short term +100 °C)
Application temperature	+10 °C to +40 °C
Elongation at break	> 200 %
Tensile strength	250 kPa
Fire class (FMVSS 302)	< 100 mm/min
Available thicknesses	1, 2, 3, 4, 5, 6, 8, 10 and 12 mm / others on request
Joint type	Flat, parallel
Water absorption (ASTM D 1056)	< 2 %
UV-resistance	Good
Chemical resistance	Limitedly resistant to acids, oils and alkalis
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.