

PU Foam Fillers

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Celdex PU Foam Fillers are custom made sealing products from semi-closed-cell polyurethane foam. The products are applied as durable sealing for profiled steel roof and wall constructions or on other applications where customisation is required. PU Foam Fillers offer protection against draught, dust, heat loss and noise.

PROPERTIES

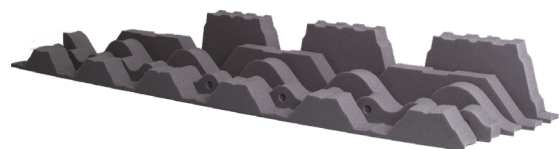
PU Foam Fillers enhance the quality of roof and wall constructions, and are suitable for indoor applications. Can easily be installed. Suitable as a sealing for metal roof and wall constructions; sealing at the location of the connection of walls with profiled cladding. Available in the colour grey.

CHARACTERISTICS

- Fine-celled semi-closed-cell polyurethane foam
- Easy to install
- Resistant to draught, dust, heat loss and noise
- Suitable for indoor applications
- Not UV-resistant
- Custom made
- With or without adhesive backing
- Colour: grey

PROCESSING GUIDELINES

Thoroughly make the substrate dust, dirt and grease-free with neutral Celdex Cleaner. Position PU Foam Fillers receding at least 5 cm, near the fasteners. The foam fillers are produced with oversize. In case of extreme deformation of roof and wall cladding, adapted shapes can be produced to retain optimal sealing. For slant constructions, slant-cut foam fillers are applied. In outdoor applications, PE Foam Fillers are a better alternative. In case of higher ambient temperatures or within a corrosive environment, use EPDM Foam Fillers. When good acoustic or fire resistant properties are required, stone wool products should be used. As a protection in case of deterioration by birds and/or pests, PE Foam Fillers with a an aluminium foil top layer can be applied.



SAFETY

No specific safety guidelines are required 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 (ISO 845)	31-37 kg/m ³
Compressibility (ISO 3386/1)	8.5 kPa
Colour	Grey
Fire behaviour (FMVSS 302)	< 100 mm/min
Thermal conductivity	0.033 W/mK
Elongation at break (ISO 1798)	> 145 %
Tensile strength (ISO 1798)	165 kPa
Available thicknesses	25, 30, 40 mm / others on request
Joint type	Heavily profiled (custom made)
UV-resistance	Poor
Ageing resistant	Changes colour
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.