



Panelseal LF

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Celdex Panelseal LF is a fine-cell semi-closed polyurethane foam with excellent air sealing and thermal qualities. This product is easily compressible. Its versatility makes it applicable in varying joint connections and is easy to apply.

PROPERTIES

Panelseal LF is easily compressible and equipped with a low friction layer. Available on roll, reel and as custom punch part in the colour anthracite, with or without adhesive backing. Depending on the application, Panelseal requires a minimum level of compression. A compression of 50 % is needed when an air- or acoustic sealing is required.

CHARACTERISTICS

- Easily compressible
- With or without adhesive backing
- Equipped with a low-friction layer
- Available on roll, reel and custom punch part
- Prevents condensation problems
- Good airsealing qualities
- Good thermal qualities
- Colour: anthracite

PROCESSING GUIDELINES

Thoroughly remove dust, dirt and grease from the substrate with neutral Celdex Cleaner. The product can be applied to untreated wood without primer. Ensure to use the proper width and apply the Panelseal without stretch and with equal pressure along its entire length. The tape should be recessed in the joint by at least 5 mm while preventing air entrapment. Below 10 °C the, the self-adhesive layer has a reduced initial adhesive strength. Panelseal requires a certain level of compression. A compression of 50 % is needed when an air- or acoustic sealing is required. Do not stretch the product around corners, instead, cut it at the corners. 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	30-35 kg/m ³
Compressibility (ISO 3386)	3-4 kPa
Colour	Anthracite
Adhesive	Acrylic
Airtightness (EN 1026) 50 % compression	Qv10 = 0,031 dm ³ /s
Airtightness (NEN/EN 12207) 50 % compression	Class 4 (SHR-rapport 14.0187)
Airtightness (NEN 2687) 50 % compression	Class 3 (SHR-rapport 14.0187)
Airtightness (c-value) 50 % compression	0.00068 dm ³ /s.m.Pa ⁿ
Thermal conductivity	0.033 W/mK
Elongation at break (ISO 1798)	170 %
Tensile strength (ISO 1798)	120 kPa
Available thicknesses	5, 6, 8, 10, 15, 20 and 25 mm / Others on request
Joint type	Uneven, non-parallel
Durability	BRL 2804-1 aging
Service temperature range	-40 °C to +120 °C
UV-resistance	Not UV resistant
Ageing	By influence of UV
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.