



Pre-Seal Soft LF

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Celdex Pre-Seal Soft LF is a very soft semi-closed cell polyurethane foam tape with excellent airtight properties. The foam strip can easily be processed and fitted with a low-friction top layer. Available with or without adhesive backing, available on roll, reel and custom punch parts.

PROPERTIES

Pre-Seal Soft was developed specifically to comply with the highest airtightness requirements for large joints, while applying limited compression (20%). Due to its high compressibility, the product is very suitable for the airtight assembly of lighter construction parts. For easy positioning of construction elements, a special 'low-friction' top layer is added to the foam tape. Pre-Seal Soft provides protection against air, heat loss and noise. The foam tape is available on roll, reel and as a custom punch part. Available in the colour grey.

CHARACTERISTICS

- Very soft semi-closed cell polyurethane foam tape
- Easily compressible
- Excellent sealing properties
- Fitted with 'low-friction' top layer
- With or without adhesive backing

- Prevents air and thermal leakage
- Colour: grey

PROCESSING GUIDELINES

Thoroughly remove dust, dirt and grease from the substrate. When using Pre-Seal Soft, ensure that this is free from UV or water burden. Always apply the self-adhesive side to the most even substrate and prevent air bubbles. Pre-Seal Soft can be applied to untreated wood without a primer. When the temperature is below 10 °C, the self-adhesive layer has a reduced initial adhesive strength. Use the correct tape size for every joint width. Apply the foam tape without tension. In corners the foam tape should be cut and re-joined with overlength in a 90° angle with overlength, glue butt joints using Celdex 8400 contact adhesive. In case of exterior corners (of frames) apply an overlap and press Pre-Seal Soft together on the adhesive layer. 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 (ISO 845)	Approx. 34 kg/m ³
Compression force	5 kPa
Fire behaviour (FMVSS 302)	< 100 mm/min
Colour	Grey
Airtightness (EN 12114 1000Pa) 20 % compression	0.66 m ³ /h.m ¹
Airtightness (EN 12114 1000Pa) 53 % compression	0.28 m ³ /h.m ¹
Air permeability (C-Value) 20 % compression	0.00018 dm ³ /s.m.Pa ⁿ
Air permeability (C-Value) 53 % compression	0.00005 dm ³ /s.m.Pa ⁿ
Airborne sound insulation (ISO 10140-2:2012) (Rw)	42 (-1;-2) dB (applied once) / 46 (-1;-2) dB (applied twice)
Thermal conductivity	0.033 W/mK
Durability	BRL 2804-1 aging
Service temperature range	-40 °C to +120 °C
Air permeability uncompressed (ISO 9237)	11 (l/m ² /s)
Elongation at break (ISO 1798)	160 %
Tensile strength	130 kPa
Available thicknesses	15, 20, 25, 30 and 40 mm / others on request
Joint type	Uneven, tapered
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.