



## Felt & Seal

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Celdex Felt & Seal is the unique combination of a felt and airtight foam tape in one product. Felt & Seal has a self-adhesive backing and is a combination of durable felt with a semi-closed Pre-Seal LF foam tape with excellent airtight sealing properties.

### PROPERTIES

Felt & Seal was developed as an airtight support of prefabricated floor elements. It is applied between the connections of floors to sand-lime bricks or concrete and the connections of floors to timber-frame construction elements. Felt & Seal is available on roll in the colour grey.

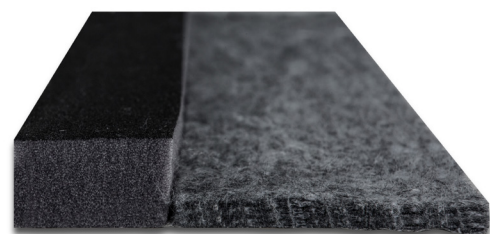
### CHARACTERISTICS

- Unique combination of felt and an airtight sealing
- Single-sided adhesive
- Felt is very durable and distributes pressure
- Reduces contact noise
- Vibration damping and sound absorbing
- Prevents edge tension
- Leveling manufacturing and installation tolerance
- Pre-Seal LF is easily compressible

- Remains elastic during joint movement
- Optimal airtight sealing properties
- Colour: grey

### PROCESSING GUIDELINES

Thoroughly remove dust, dirt and grease from the substrate with neutral Celdex Cleaner. Use the correct tape size for every joint width. Felt & Seal can be applied directly off the roll and can be used in prefabricated constructions. Apply the product without tension and with even pressure to the substrate, while preventing air entrapment. In corners the foam tape should be cut and re-joined in a 90° angle. For a correct sealing, ensure that the foam strip properly connects to both jointing surfaces. After application apply extra pressure with the Celdex Pressure Roller.



## SAFETY

No specific safety guidelines are required for this product.

## MAINTENANCE

By carrying out periodic inspections, damage to sealing materials can be determined in time. To prevent consequential damage, repair work should only be carried out in consultation with Celdex. The cause of the damage should be determined before further actions take place. Celdex can assist and advice in this process by means of targeted visual inspections and assessing the damage in a laboratory.

## WHEN IN DOUBT

When in doubt or in need of advice please contact the Technical Department of Celdex.

## CELDEX

At Celdex we produce a wide range of foam materials, used in construction, industry and sports & leisure. Our consultants have extensive architectural knowledge and are capable of advising our customers about construction, use of materials and critical connections. From beginning to end, we advise which products to use and how to apply them for optimal performance.

Discover our product range:

- Foam fillers
- Stone wool filler blocks
- Single-sided and double-sided self-adhesive foams
- Pre-compressed foams
- Butyl tapes
- Fire resistant sealants
- Vibration damping foams
- Duct seals
- Tapes
- Polyurethane foams, silicones and glues

TECHNICAL DATA	FELT	PRE-SEAL LF
Density	-	31-37 kg/m <sup>3</sup>
Shore (00)	-	21-44
Colour	Grey	Grey
Dynamic stiffness (at static load of 200 kg/m <sup>3</sup> )	5 mm: 136 MN/m <sup>3</sup> 10 mm: 83 MN/m <sup>3</sup>	-
Dynamic load (at acoustic supports)	Max. 0.25 N/mm <sup>2</sup>	-
Static load	2-4 N/mm <sup>2</sup>	-
Airtightness (EN 1026) 25 % compression	-	Qv10 = 0.002 dm <sup>3</sup> /s
Airtightness (C-Value) 25 % compression	-	0,0003 dm <sup>3</sup> /s.m.Pa <sup>n</sup>
Airtightness ( NEN-EN 12207)	-	Class 4
Airtightness (NEN 2687)	-	Class 3
Elongation at break	-	> 145 %
Permanent deformation (ISO 1865) 22h/70 °C	-	8.5 %
Durability	Free from chemical binders rotfree, made from recycled and reusable raw materials	BRL 2804-1 aging
Thermal conductivity	0.05 W/mK	0.033 W/mK
Service temperature range	-20 °C to +120 °C	-40 °C to +120 °C
UV-resistance	-	Poor
Tensile strength	-	165 kPa
Fire behaviour	-	< 100 mm/min (FMVSS 302)
Joint type	Suitable for all joint types	
Available dimensions*: Felt (t x w) & Seal (t x w)	(5 x 50/7 x 25 mm) (5 x 50/15 x 25 mm) (8 x 50/10 x 30 mm) (5 x 70/10 x 20 mm)	
Shelf life at storage temperature 20 °C	12 months in closed package	

\* Other dimensions on request

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.