



Airseal Crawlspace Hatch Sealing

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Celdex Airseal Crawlspace Hatch Sealing is a custom made sealing product from semi-closed-cell polyurethane foam and is fitted with a TPU top layer on both sides. The product is intended for airtight and damp proof sealing of the openings in crawlspace hatches and floor hatches in hollow-core slabs and rib floors.

PROPERTIES

Airseal Crawlspace Hatch Sealing is applied below the fibre cement crawlspace hatch. The standard sealing on the crawlspace hatch is not sufficiently airtight. Airseal Crawlspace Hatch Sealing is also insulating and complements the standard insulation value of the floor slabs. Since 1992, the Building Code has dictated that, due to moisture air, smell and radon, no air may penetrate the house from the crawlspace. The related Qv10 requirement is 0.08 dm³/s and is stricter than the passive house requirement. The sealing is produced custom made. The product is relocatable, in order to provide access to the crawlspace. The oversize ensures long-term and reliable sealing. Due to its easy compression properties, Airseal Crawlspace Hatch Sealing is able to seal most imperfections.

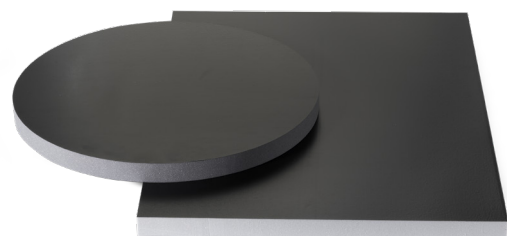
CHARACTERISTICS

- Semi-closed-cell polyurethane foam
- Easy to install
- Damp proof and airtight

- Prevents penetration moist, smell and radon
- Custom made
- Colour foam: grey or white colour
- TPU top layer: black

PROCESSING GUIDELINES

Airseal Crawlspace Hatch Sealing is produced with oversize. Use the correct dimensions for every crawl space or floor hatch, in order to ensure sufficiently clamping application. Remove any loose grit and any protruding pebbles or concrete. The thickness of the Airseal Crawlspace Hatch Sealing is a decisive factor for the sealing in case of uneven surfaces. The product must always be placed underneath the cement deck or anhydrite floor level. Custom made round Airseal Crawlspace Hatch Sealings are available for round crawlspace hatch openings. Also quite suitable for renovation or approachable energy-saving in existing houses. Removal of the sealing can be done by pushing the sheet down, to tilt it and to pull it up through the opening.



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)	34 kg/m ³
Compressibility (ISO 3386/1)	8-10 kPa
Colour	Grey or white with black top layer
Fire behaviour (ISO 3795)	< 100 mm/min
Thermal conductivity	0.033 W/mK
Insulation value	30 mm – Rd 0,9 m ² K/W, 40 mm – Rd 1,2 m ² K/W 50 mm – Rd 1,5 m ² K/W
Airtightness (NEN/EN 12207)	Class 4
Airtightness (NEN 2687)	Class 3
Elongation at break (ISO 1798)	> 145 %
Tensile strength (ISO 1798)	165 kPa
Service temperature range	-40 °C tot +120 °C
Available thicknesses	30, 40 and 50 mm / others on request
Aging	By 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.