



## Airseal Multiple Roof Duct Cuff

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Celdex Airseal Multiple Roof Duct Cuff is a specially designed sealing cuff that can be used for multiple tube diameters on different roof pitches. The sealing cuff complies with the highest airtightness requirements for energy-efficient building. The robust steel follower plate additionally ensures a reliable airtight connection with the roof surface.

### PROPERTIES

Airseal Multiple Roof Duct Cuff consists of a soft and elastic airseal soft cuff, that is covered by a steel follower plate. The sealing cuff can easily be installed and is suitable as an airtight layer for roof penetrations for indoor applications. The product is available custom made in various designs. Contact our sales department to discuss the possibilities.

### CHARACTERISTICS

- Durable elastic cuff
- Robust steel follower plate
- Airtight tested (EN 12114 to 1,000 Pa)
- Insulating ( $\lambda$ -value 0.034 W/mK)
- Suitable for diverse roof pitches
- Suitable for diverse tube diameters
- Suitable for multiple roof penetrations
- Colour of follower plate: powder coated RAL 9016 white

### PROCESSING GUIDELINES

Keep the Airseal Multiple Roof Duct Cuff in its original packaging as long as possible, to prevent damage to the coating. Use the correct roof duct measurements for an airtight sealing. Place the sealing cuff before they are attached to the installation. Position the cuff tension-free, to prevent cracks around the tubes. Ensure that the entire opening in the roof surface is sufficiently covered (at least 3 cm on all sides). In order to prevent screws penetrating the damp inhibiting foil of the roof element, the follower plate may only be screwed using the included screws.



## 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 Airseal duct cuff	Approx. 34 kg/m <sup>3</sup>
Colour Airseal duct cuff	Grey with black top layer
Compressibility Airseal duct cuff	Approx. 5 kPa
Tube diameters	Custom made, ask about the possibilities
Roof pitch	Ask about the possibilities
Thickness Airseal duct cuff	Custom made, ask about the possibilities
Follower plate	0.75 mm galvanised steel, RAL 9016
Fire behaviour (ISO 3795)	< 100 mm/min
Airtightness (EN 12114 – 1.000 Pa)	0.02 m <sup>3</sup> /h.m
Airtightness (NEN/EN 12207)	Class 4
Airtightness (NEN 2687)	Class 3
Air Permeability (c-value)	0.000002 dm <sup>3</sup> /s.m.Pa <sup>n</sup>
Service temperature range	-40 °C to +120 °C
Thermal conductivity	0.034 W/mK
Joint type	Flat, parallel
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.*