



## Airseal Meter Box Cuff

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Celdex Airseal Meter Box Cuff is a specially developed sealing cuff that can be used as an airtight layer for the utilities in the meter box. The sealing cuff complies with the strictest requirements for energy-efficient construction and is available for all brands and designs of meter box floor slabs.

### PROPERTIES

The Airseal Meter Box Cuff is a combination of polyethylene and airseal material to comply with the strictest airtightness requirements, even with minimal compression (15 %). The sealing cuff is designed for easy sealing of the most deviating opening sizes in the floor. The product is highly versatile in varying compositions and pipe transits and is resistant to the humid climate in crawl spaces. The convenient shape of the hole pattern allows for a wide variety of pipe transits, without this being detrimental to the airtightness.

### CHARACTERISTICS

- Durable elastic cuff
- Tested for airtightness
- Insulating
- Installing and sealing the meter box floor slab in one step
- Time-saving due to quick and efficient assembly
- No adjustment blocks required

### PROCESSING GUIDELINES

Use the correct cuff for the meter box floor slab brand and design. Position the hard meter box floor slab and install as prescribed. Afterwards, disassemble the hard meter box floor slab and remove the necessary fillings from the Airseal cuff. Leave the remaining fillings in place. Place the Airseal cuff slightly across the protective tubes, without tearing the material. Then press the cuff down, together with the hard meter box floor slab, onto the rough concrete floor. The Airseal cuff is 40 mm thick and produced oversized. In addition, the cuff provides the option to tighten the meter box floor slab to the desired height, without the need for adjustment blocks. Please ensure that the meter box floor slab is evenly tightened downwards to prevent air leakage.



## 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	AIRSEAL	PE
Density (ISO 845)	34 kg/m <sup>3</sup>	30 kg/m <sup>3</sup>
Compressibility (ISO 3386/1)	8-10 kPa	48 kPa
Colour duct seal	Grey with black top layer	Grey
Thermal conductivity	0.033 W/mK	0.034 W/mK
Fire behaviour (ISO 3795)	< 100 mm/min	
Insulation value duct seal	1.5343 W/mK	
Airtightness (EN 1026)	Qv10 = 0.013 m <sup>3</sup> /s	
Airtightness (NEN/EN 12207)	Class 4	
Airtightness (NEN 2687)	Class 3	
Air Permeability (C-Value)	0.00033 dm <sup>3</sup> /s.m.Pa <sup>n</sup>	
SHR-test report	160633-1	
Available thicknesses	40 mm / others on request	
Joint type	Uneven, parallel	
Service temperature range	-40 °C to +120 °C	
UV-resistance	Not UV resistant	
Ageing resistant	By UV exposure	
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.*