

PVC 099/097

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Celdex PVC 099/097 is a soft, semi-closed PVC foam tape. Qualified as an acoustic-, air-, dust and water sealant on slightly uneven surfaces. Available with or without adhesive backing on plate, roll, reel and as custom punch parts, in the colours black (099) and grey (097).

PROPERTIES

Depending on the application, PVC 099/097 requires a minimum level of compression. A compression of 30 % is needed when an acoustic-, air- or water sealing is required.

CHARACTERISTICS

- Soft semi-closed PVC-foam tape
- Available with or without self-adhesive backing (acrylic)
- Fire rating B1
- Available on plate, roll, reel and custom punch parts
- Prevents sound transmission
- For acoustic-, air-, dust and water sealant on slightly uneven surfaces
- Colour: black (099) and grey (097)

PROCESSING GUIDELINES

Thoroughly remove dust, dirt and grease from the substrate with neutral Celdex Cleaner. Apply PVC 099/097 without tension and even pressure to the substrate, while preventing air entrapment. The product requires a minimum level of compression. A minimum compression of 30 % is needed when an acoustic-, air- or water sealing is required. For a correct sealing, ensure that the tape properly connects to both jointing surfaces. PVC 099/097 should not be taped around corners. Lengthwise butt joints should be cut oversized and applied with overlength. PVC 099/097 should be recessed in the joint by at least 5 mm. After application remove the release liner and apply extra pressure with the Celdex Pressure Roller.



Seal4Prefab

PVC 099/097 is part of the Seal4Prefab sealing system. The system consists of an airtight, insulating and driving rain seal. Seal4Prefab has been specifically developed for the prefab construction & industry.

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 w
- Fire-resistant products
- Anti-drumming materials
- Duct seals
- Tapes
- Polyurethane foams, elastic sealants and adhesives

TECHNICAL DATA

Density	90-130 kg/m ³
Shore (00)	14
Colour	Black (099) and grey (097)
Adhesive	Acrylic
Required compression in %	30 % - air, water and sound
Compression force, 30 %	0,5-1,6 N/cm ²
Deflection, 30 %	0,2-0,6 N/cm ²
Water absorption (NTP-35)	4 %
Service temperature range	-30 °C to +70 °C
Application temperature	+10 °C to +40 °C
Airtightness (EN 1026) 25 % compression	Qv10 = 0,005 dm ³ /s
Airtightness (NEN/EN 12207) 25 % compression	Class 4 (SHR-report 14.0187)
Airtightness (NEN 2687)	Class 3 (SHR-report 14.0187)
Airtightness (C-Value) 25 % compressie	0,00013 dm ³ /s.m.Pa ⁿ
Airborne sound insulation (ISO 10140-2:2012) (Rw)	39 (-1;-1) dB
Fire class (DIN 4102-01)	B1
Tensile strength	16 N/cm ²
Available thicknesses	2, 3, 4,5, 5, 6, 8, 10, 12, 15 en 20 mm /others on request
Joint type	Flat, parallel / flat, non-parallel / uneven, parallel
UV-resistance	Good
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.