

PE 030

05.2021

Celdex PE 030 is an one-sided adhesive closed-cell PE foam strip. At the top side the product is fitted with a transparent irremovable foil. PE 030 is suitable for thermal insulation, loss of contact, dust and airtight sealing for parallel surfaces.

PROPERTIES

The foam strip achieves its sealing properties through compressing. To meet the specifications, such as airtight, waterproof and thermally insulating, a compression from 20 % will be sufficient.

CHARACTERISTICS

- One-sided adhesive (high tack rubber/resin)
- Available on mounting roll without protective layer
- Rot-free
- Top side fitted with fixed transparent foil
- Eco-friendly and chemically neutral
- Thermal barrier, contact barrier
- Dust and airtight sealing
- Colours: white and 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. PE 030 can be applied on the substrate directly off the roll. Apply the foam strip without tension, with even pressure on the substrate, while preventing air entrapment. The tape should be recessed in the joint by at least 5 mm. Compress the product under an angle of approx. 90° with overlength. For a correct sealing, ensure that the PE 030 foam strip properly connects to both jointing surfaces and compress approx. 20 %. After application apply extra pressure with the Celdex Pressure Roller.



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 doubled-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	Approx. 33 kg/m ³
Shore (00)	21-44
Colour	White and grey
Adhesive	Rubber/resin
Thermal conductivity (λ-value)	0.039 W/mK
Permeability (NEN/EN 12207)	Class 4
Permeability (NEN 2687)	Class 3
Water absorption in %	4 % - 6 weeks
Elongation at break	176 %
Service temperature range	-30 °C to +70 °C
Application temperature	> 5 °C
Moisture resistance	Moisture repellent
Available thicknesses	2, 3, 4, 5, 6, 8 and 10 mm
Joint type	Flat, parallel
UV-resistance	Good
Shelf life at storage temperature 20 °C	12 months in closed packaging

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.