

PVC 507

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Celdex PVC 507 is a hard closed-cell PVC foam. Suitable as a dust, air, sound and waterproofing for parallel surfaces. PVC 507 must be sufficiently compressed to meet its specifications, such as airtightness, watertightness and thermal and acoustic insulation. The foam strip is available on a mounting roll, in the colour grey.

PROPERTIES

PVC 507 achieves its sealing properties through compression. A minimum compression of 30 % is needed when an acoustic-, air- or watersealing is required. PVC 507 was designed specifically as a shock and vibration absorption.

CHARACTERISTICS

- Hard closed-cell PVC foam
- Single-sided self-adhesive (acrylate)
- Available on mounting roll
- For dust, air and waterproofing for parallel surfaces
- Suitable as shock and vibration adsorption
- Colour: 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. Apply PVC 507 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 foam tape properly connects to both jointing surfaces. The tape should not be taped around corners. Lengthwise butt joints should be cut oversized and applied with overlength. PVC 507 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.



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

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| Density (ASTM D-1667) | 165-260 kg/m ³ |
| Shore (00) | 40 |
| Colour | Grey |
| Adhesive | Acrylic |
| Required compression in % | 30 % |
| Compression force 30 % (ASTM D-1667) | 4 N/cm ² |
| Deflection, 30 % (ASTM D-1667) | > 2.5 N/cm ² |
| Water absorption (NTP-35) | 1 % |
| Service temperature range | -30 °C to +70 °C |
| Application temperature | +10 °C to +40 °C |
| Airtightness (NEN/EN 12207) 30 % compression | Class 4 |
| Airtightness (NEN 2687) | Class 3 |
| Tensile strength (DIN 53571) | 64 N/cm ² |
| Elongation at break (DIN 53571) | 210 % |
| Available thicknesses | 3 and 6 mm / others on request |
| Joint type | Flat, 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.