



## Gasket base for efficient window installations

### **Designed, optimised and registered utility model\***

The highly innovative SEMPERIT gasket base was developed specifically with high pullout strength and for shorter installation and cut times on aluminium and PVC window profiles. Thorough development based on the Finite Element Method (FEM) and an extensive series of tests at our SEMPERIT Technology Centre were instrumental in obtaining the optimum processing properties. The perfect interaction of mandrel, inner walls, outer wall thickness and back lock in the structure reduces installation times by up to 50% and enhances the pullout strength by up to 35%.

The SEMPERIT gasket base is available in all material qualities. We modify the geometry to your own specifications. The advantages of this innovation are complemented by the outstanding material properties of our EPDM compounds. In addition to elastic recovery of approximately 95%, you also benefit from high chemical and physical resistance and long-lasting impermeability, guaranteeing your products the maximum level of long-term functionality.

**SEMPERIT EPDM gaskets are high-quality products: durable, maintenance-free and sustainable.**

\* Patent pending

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### Your advantages at a glance

- FEM-aided designs
- Gasket geometries modified to your own specifications
- Installation time reduced by up to 50%
- Pullout strength increased by up to 35%
- Solutions in all EPDM compounds
- Fast installation, durable, maintenance-free
- Outstanding mechanical properties
- First-rate compression set, minimal residual deformation
- UV-resistant, ozone-resistant, weatherproof
- No contact discolouration on coatings and PVC
- Elastic and impermeable at temperature ranges from -35 °C to +100 °C
- All SEMPERIT gasket elements conform to DIN 7863 and DIN EN 12365

