



KISO SILL GASKET

KISO SILL GASKET is an air, moisture and vapour barrier. It consists of a low density P-marked polyethylene foil impregnated with a UV-stabilizer and with two strips of EPDM D profile, each 10x12 mm.

Foolproof sealing on uneven surfaces

KISO SILL GASKET acts as a capillary break between the foundations or ground slab and the construction above. This prevents air, vapour and moisture from penetrating into the building from below. It is ideally suited to timber framed buildings and can also be used with brick, block and concrete.

KISO SILL GASKET is positioned with the membrane uppermost. The membrane has low friction co-efficient and this allows for the repositioning of the timber frame at initial installation should it be required. The two strips of EPDM D profile ensure a tight moisture seal, even on irregular surfaces.

The EPDM D-Profile can be extruded onto the membrane to suit each application. Membrane widths up to 400 mm (unfolded) and up to 500 mm (folded) are available.

A further variation of KISO SILL GASKET folded in the middle acts as a two-way barrier, preventing moisture penetration from above.

KISO SILL GASKET can also be used as a vapour barrier in prefabricated buildings at wall, floor and ceiling joints and sections.



KISO SILL GASKET – Foil widths up to 400 mm (unfolded)



KISO SILL GASKET – effective sealing even on uneven surfaces

Advantages

- Air, moisture and water resistant
- Excellent for creating effective seals in prefabricated buildings
- Good thermal insulation
- Foil widths up to 500 mm
- Bespoke positioning of EPDM D profiles
- Reliable, secure sealing on uneven surfaces
- EPDM D profile is non-hardening and remains flexible throughout service life
- Very good aging properties
- Easy, quick and clean installation

TECHNICAL DATA

KISO SILL GASKET is a low density P-marked polyethylene foil impregnated with UV-stabilizer and with two strips of EPDM D profile. The product is supplied in various widths from 75 mm to 500 mm.

Available colours: Blue foil with black EPDM D profiles

Technical Features – KISO EPDM D profile – Black

| Profile Dimension | Compression 25% (N/m) Nominal Value | Compression 40% (N/m) Nominal Value | Test Method |
|-------------------|---|---|--------------|
| 10 x 12 mm | 75 | 105 | KISO 7 * |
| | Unit | Nominal Value | Test Method |
| Density | g/cm ³ | 0.3 – 0.4 | DS/ISO 2781A |

* KISO - KISO Test Method

MTK-Lastupptagende Förmåga SS818134 p. 3.2.1 (adjusted)

Technical Features – P-marked LDPE Foil *

| | Unit | Nominal Value | Test Method |
|---------------------------|------------------|---------------|---------------|
| Grammage | g/m ² | 180 | |
| Thickness | µm | 200 | |
| Tensile strength, MD | MPa | >23 | EN 527-3 |
| Tensile strength, TD | MPa | >23 | EN 527-3 |
| Elongation at break, MD | % | >600 | EN 527-3 |
| Elongation at break, TD | % | >600 | EN 527-3 |
| Resistance to tearing MD | N | >60 | EN 12310-1 |
| (Nail shank) TD | N | >60 | EN 12310-1 |
| Dart Drop | g/50% | >250 | ASTM D-1709 B |
| Water Vapour Transmission | sd-value | >80 | EN 1931 |

* Foil is certified according to requirements of SITAC (Swedish Institute for Technical Approval in Construction – now a part of RISE) with P-mark

The foil fulfils the requirements of SINTEF certification TG-20201

The product is CE-marked in compliance with EN 13984

Standard Dimensions and Packaging

Available colours: Blue foil with black EPDM profiles

Composition: A strip of EPDM D profile is attached to the foil on the left and right of the foil, 10 mm from the outside edge

| Foil width (mm) | Mtr per roll | Rolls per box | Boxes per pallet |
|-----------------|--------------|---------------|------------------|
| 75 | 25 | 14 | 8 |
| 100 | 25 | 10 | 8 |
| 125 | 25 | 8 | 8 |
| 150 | 25 | 8 | 8 |
| 175 | 25 | 6 | 8 |
| 200 | 25 | 6 | 8 |
| 250 | 25 | 4 | 8 |
| 300 | 25 | 4 | 8 |
| 350 | 25 | 2 | 8 |
| 400 | 25 | 2 | 8 |
| 500* | 25 | 4 | 8 |

* Foil is folded in the middle

Note:

The Technical Data above are based on laboratory tests performed at KISO. The Technical Features are to be regarded as target values. Properties quoted are typical and does not constitute a specification nor an explicit or implicit warranty. Due to the large variability in application conditions it is advisable that the product is tested by the user to establish suitability for the intended use.

