

1060

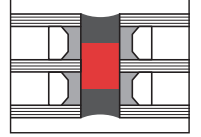


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Vierkantprofil

Closed-cell polyethylene foam



Technical data sheet

Version: 04-2024



1. Mechanical Properties

Density	as per ISO 845: $30 \pm 4 \text{ kg/m}^3$
Elongation at break	as per ISO 1926: min. 80 %
Tensile strength	as per ISO 1926: min. 128 kPa
Compression hardness	at 10 % deformation: $37 \pm 11 \text{ kPa}$, at 25 % deformation: $54 \pm 11 \text{ kPa}$ at 50 % deformation: $116 \pm 11 \text{ kPa}$
Compression set	ISO 1856-B / 30 min.: max. 16 %
Compression set	25 %, 22 hrs., 23 °C: max. 7 %
Water absorption	after 28 days / DIN 53428: max. 1 vol. %
Shore A hardness	~ 42
Resistance to high and low temperatures	-40 °C / +70 °C
Cell size	max. 0.3 mm
Thermal conductivity	at +40 °C: 0.037 W/mK
Flammability Building material class	max. 100 mm/min DIN 4102 - B2 or class E as per DIN EN 13501-1
Colour	grey

2. Properties

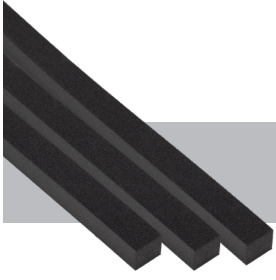
1060 Vierkantprofil is a very high quality, closed cell polyethylene based foam. It is produced using cross-linking under pressure and high temperature, producing a very fine and uniform cell pattern. 1060 Vierkantprofil is highly elastic, water repellent and can be used in many areas. Specially suitable as a backfill for structural glazing systems. On request, the material is also available with adhesive on one side.

3. Dimensions

	15 x 20 mm	20 x 10 mm	20 x 25 mm
Art. no.	8650019	8650010	8650013
PU / box	100 linear m	100 linear m	100 linear m

4. Areas of application

As a pre-filler in joint sealing and in expansion joints. For window construction work on frames, windows and doors in external grouting of facades, in internal grouting of kitchens and bathrooms, joints of parquet and other floor coverings in sealing joints of buildings, of dams, and of water reservoirs in general.



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5. Liability for defects

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