



KISO 141 EPDM, 3-top, 4-top, L and crown profiles

KISO 141 EPDM is an extruded EPDM closed cellular rubber sealing strip with a glass fibre scrim carrier tape, which is used by the window industry to ensure water and air tightness in windows and by numerous builders and craftsmen when renovating older wooden windows and doors to ensure draught exclusion.

An easy and reliable solution, approved by MTK*, Sweden

Mounting of KISO 141 EPDM ensures water and air tightness between frame and insulating glass and between insulating glass and beads in wooden windows and conservatories. KISO 141 EPDM is equally applicable for factory and on site glazing.

KISO 141 EPDM is supplied in numerous profiles and dimensions and in several colours – to suit your needs. The glass fibre scrim carrier tape ensures strong adhesion to dry, smooth surfaces like wood, metal and glass. On request the profiles may be supplied without tape.

In old wooden windows and doors KISO 141 EPDM seals gaps, excluding draught whereby significant energy savings and improved indoor climate are achieved.



KISO 141 EPDM 4-top, black



KISO 141 EPDM hollow profile, black






Advantages

- Approved by MTK*, Sweden
- UV resistant
- Excellent ozone resistance
- Glass fibre scrim carrier tape for extra strength
- Excellent adhesiveness to dry and smooth surfaces (e.g. wood, metal and glass)
- Air tight – draught excluder and energy saver
- Water tight – water absorption is negligible
- Very good resistance to solvents
- Simple, quick and clean mounting
- Very good aging properties

*MTK is a committee created and "owned" by the glass manufacturers and the glaziers associations in Sweden. MTK is testing and approving glazing materials for installation of Insulated Glass Units. For suppliers to Scandinavian window manufacturers approval from MTK is a prerequisite.

TECHNICAL DATA

KISO 141 EPDM is supplied in numerous profiles and dimensions. Most profiles are supplied in various colours with yellow/brown tape liner.

Technical Features						
Profile Dimension (mm)		Profile Colour	Profile type	Compression 25% (N/m) Nominal Value	Compression 40% (N/m) Nominal Value	Test Method
2 x 8		Black	4-top	219	440	KISO 7 *
3 x 9		Black	3-top	177	368	KISO 7 *
4 x 10		Black	3-top	273	533	KISO 7 *
5 x 10		Black	4-top	321	636	KISO 7 *
H 5 x 10		Black	3-top	230	434	KISO 7 *
Density for all profiles				g/cm ³	0.3 – 0.4	DS/ISO 2781A, KISO 2

KISO - KISO Test Method

The above table shows Compression Values for selected profiles. KISO range of 141 profiles includes multiple profiles. Compression values for these may be provided by request.

* MTK-Lastupptagende Förmåga SS818134 p. 3.2.1 (adjusted)

Technical Features - Tape			
	Unit	Nominal Value	Test Method
Thickness (liner exclusive)	mm	0.21	TATM.7

TATM – Test method According to Tape Manufacturer

Important when applying KISO 141 EPDM

- All surfaces should be clean, dry and free from dust, grease and loose materials. If necessary, use a vacuum cleaner. Propan-2-ol is recommended for cleaning. Make sure the surface is allowed to dry prior to application of the sealing strip
- If KISO 141 is to be applied automatically testing prior to production is recommended

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. EPDM is not oil resistant. 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.

