KISO 141

TECHNICAL DATA

Density:	0,30-0,40 g/cm^3
Nominal:	0,33 g/cm^3
Compressive force to reduce:	
- 25% =	2,5-3,5 N/cm^2
- 40% =	min. 3,5 N/cm^2
Hardness in shore 00:	40-50
Temp. resistance:	-50°C to +90°C
Health hazard:	None
Water absorption:	Negligible
Resistance to ozone:	Excellent

PROPERTIES

Base material:	EPDM rubber
Color:	Black, brown and white
Adhesion:	Excellent on dry surfaces

SHELF LIFE

Up to 9 months from date of manufacture under normal storage conditions.

THE WINDOW INDUSTRY

PRODUCT

The KISO 141 Profile is an extruded and self adhesive EPDM cellular rubber sealing strip.

TYPICAL APPLICATIONS

Wooden windows: ensures water- and airtightness between frame and insulating glass as well as between insulating glass and beads.

Wooden conservatories: ensures water- and airtightness between fixed frames and insulating glass as well as between insulating glass and beads.

ADVANTAGES

- Approved by a number of European official testing institutions
- Enables a quick, simple and clean mounting of insulating glass
- Very good aging properties
- More than 40 years experience in northern climate (Scandinavia)
- Good resistance to solvents
- For factory as well as on site glazing
- Ready glazed units are immediately shippable
- The product is free from harmful substances

MAIN SIZES

(One pallet contains 32 cartons)

Thick-ness (mm)	Width (mm)	Meter Per reel	Reels per carton	Meter per carton	Meter per pallet	S = black H= white B =brown
2	8	225	6	1.350	43.200	S
3	9	150	6	900	28.800	S/H/B
4	8	150	6	900	28.800	S
4	9	125	6	750	24.000	S/H/B
4	10	125	6	750	24.000	S
5	10	100	6	600	19.200	S
H/PB 6	10	115	3	345	11.040	S
3	12	125	6	750	24.000	S/H/B
2	15	125	6	750	24.000	S
3	15	100	6	600	19.200	S/B
3	18	75	6	450	14.400	S

H = hollow profile, PB = larger reels

APPLICATION

Application temperature: higher than 5°C.
Application method: either by hand directly from reel or automatically with one of KISO machines. The mounting instructions are on the back side.
Surface preparation: must be clean, dry, grease- and dustfree.

June 2011

MOUNTING INSTRUCTIONS

1. Remove the covering silicone paper and glue the strip in the rebate flush with the front edge starting in one of the upper corners (figure 1).

2. In each corner the strip should be applied all the way round with an unbroken front edge.
   This can be achieved in 2 different ways:
   a) by cutting and pressing the end of the strip to be glued against the side of the other perpendicular strip (figure 2)
   b) by cutting the strip almost half through (<50%) and bending it 90° in the corner (figure 3).

3. Install the insulating glass in the rebate with proper shimming.

4. Remove the covering silicone paper and glue the strip on the beads flush with the top edge (figure 1). At both ends the strip should be cut 0,5 – 1,0 mm longer than the bead.

5. Position all 4 beads.

6. Fix each bead with nails or screws while manually pressing it to compress the strip on both sides of the glass by 25%.
   The distance between two nails or screws should not exceed 15 cm. In the corners, the distance to the first nail should not exceed 5 cm.

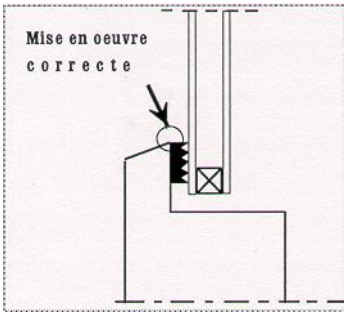


Figure 1

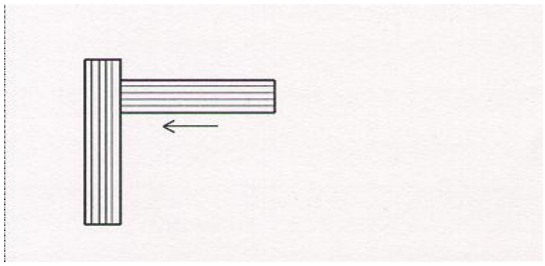
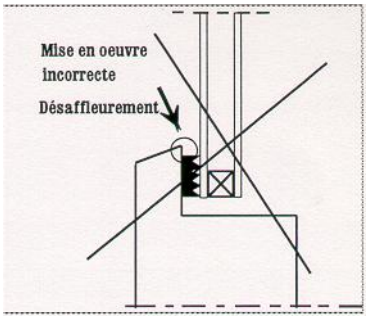


Figure 2



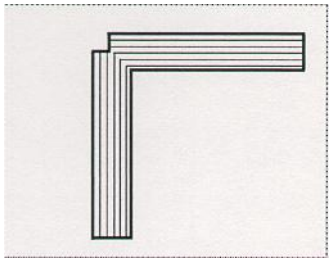


Figure 3

The technical data and recommendations on the front are based on research, experimental data and practical experience. They are provided to assist the end user in accomplishing the best obtainable results. Since the users working conditions and methods are beyond our control, we accept no responsibility for results.

We have developed this product for specific applications shown on the front. In case you or any of your customers use the product for other applications, we cannot automatically guarantee a fully satisfactory result. For such applications we are prepared, as far as possible, to make the necessary tests in our laboratory.

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