



2026:1

GLAZING MATERIALS APPROVED FOR INSTALLATION OF INSULATING GLASS UNIT

Valid in

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SUOMI	Suomen Tasolasiyhdistys Korpiniityntie 99 FIN-13720 PAROLA Tel. +358 500 47 43 98	www.tasolasiyhdistys.fi
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One of the conditions for the guarantee given by the manufacturers of insulating glass units is that glazing materials used are tested and approved according to MTK-Approval System.

N.B.!

The MTK approval intends only the mechanical properties. Control that MTK-approved joint materials are compatible against the constructions other components must always be done, this concerns also between MTK-approved joint materials

SEALANT MATERIALS

Any approved product may be labeled with the MTK issued License Number (see logo below), for instance 01. The license of their respective companies have shown what Certificate number (= approved products) that are included.



Latest edition see www.glascentrum-mtk.se

1. Elastic glazing strip,cellular rubber. Product type 01.

Elastic glazing strips shall be made of EPDM or CR. The strips shall have a durable reinforcement that limits the elongation when applied. Strips of cellular rubber shall have closed cells.

Supplier Product	Dim.	Cert.nr.	S	DK	FIN
Casco					
Glasbånd	5x10	940601001	-	15	-
Glasbånd	4x10	940601002	-	15	-
Leif Arvidsson					
LA Kronlist	5x10	940601001	3	-	-
LA Kronlist	4x10	940601002	3	-	-
LA Kronlist ¹⁾	4x9	940601003	3	-	-

1) Only internal when method 4 is used..

2. Sealants. Material type 05.

The sealant shall be based upon silicone, acrylic, polyurethane or polysulphide (Q, ACM, U or T). Sealants based upon mineral oils must not be used. Top and under sealing are described on opposite side and in the MTK Regulations.

Supplier Product	Cert.nr.	Mat.	S	DK	FIN
Casco					
Glass Silicone	1109-0501	Q	6	15	20
Construction Silicone	1109-0502	Q	6	15	20
Sanitary Silicone	1109-0503	Q	6	15	20
Leif Arvidsson					
LA silikon	1029-0501	Q	3	-	-
LA seal	1229-0502	M S	3		
Sika					
Sikasil SG-20	1113-0502	Q	6	15	20
Sikasil WS-605 S	1113-0504	Q	6	15	20
Sikahyflex 600	1113-0504	Q	6	15	20
Sikasil WT-40	1113-0505	Q	6	15	20
Sikasil C	1113-0506	Q	6	15	20
P&P Technology					
Sentinel Limkitt Plus	1040-0501	M S	9	-	-
Soudal					
Soudal Silrub 2/S	1127-0504	Q	5	-	-

N.B!

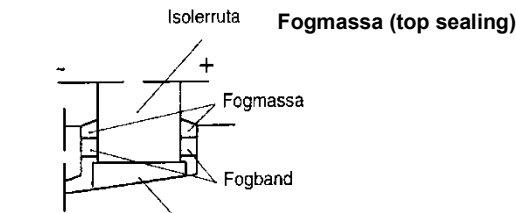
SEALENTS THAT IS USED AT METHOD 4 ACCORDING TO MTK-ANVISNINGARNA MAY NOT INFLUENCE THE EDGESEALANT OF THE INSULATED GLASS OR THE GLAZING STRIP OF THE WINDOW. MAUFACTUR OF INSULATED GLASS/WINDOWS MUST ALWAYS GIVE YOU PERMISSON

example of the importance 1109-0501: 11 – Year of approval for product, 09 – Manufacturer/ Licencee, 05 – Material type, 01 – Serial number

MTK's GLAZING METHODS , examples of methods for achieving the required density according to SS-EN 13541

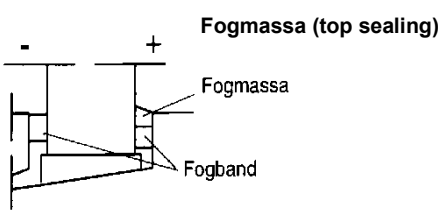
Installation of IGU's shall be done according to one of the following methods, 1-4. Exterior to the left in figures.

Explanations: Isolerruta = Insulating Glass Unit.
Fogmassa = Sealant.
Fogband = Glazing strip.
Kloss = Glazing block.



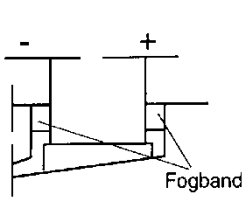
Method 1

Sealant and glazing strips all around on both sides. To be used in constructions where penetrating water into the rebate can cause damages towards the interior, e.g. when installed using interior beads and in steel constructions.



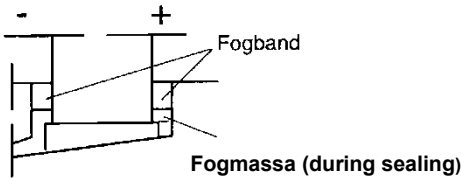
Method 2

Sealant and glazing strips all around on the interior. Glazing strips all around on the exterior. To be used when glazing on site (vertical glazing).



Method 3

Glazing strips all around on both sides. To be used when requirements for air and water tightness according to regulations are met when tested without sealants.

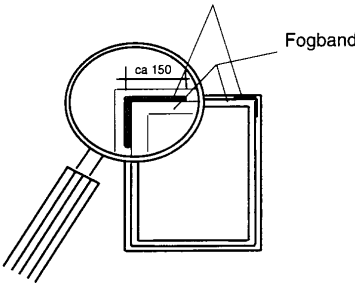


Method 4

Glazing strips all around on both sides. Sealant ~ 150 mm vertically and horizontally on the interior in each corner and beneath the glazing strip. Method for glazing in a joinery (horizontal glazing) and when requirements for air and water tightness according to regulations are met.

It is very important that the instructions given by the manufacturer of glazing materials are followed concerning pre-treatment of rebates and beads in order to get good adhesion towards the actual surface. Rebates, beads and glass surfaces shall be clean, dry and degreased when applying glazing materials

Fogmassa (during sealing)



MINIMUM DIMENSIONS FOR COMPLETED SEAL AFTER REQUIRED COMPRESSION, APPLYING ETC. ARE GIVEN IN THE TABLE.

Elastic glazing strips shall at application be compressed some 25 % of their original thickness.

When applying in inner sash at multi sash systems the minimum dimension after required compression (25 %) both interior and exterior 2 x 9 mm.

METHOD		INTERIOR		EXTERIOR	
		Bredd	Höjd	Bredd	Höjd
1	Sealant	3	3	3	3
	Glazing strip	3	8	3	8
2	Sealant	3	3	-	-
	Glazing strip	3	8	3	10
3	Sealant	-	-	-	-
	Glazing strip	3	10	3	10
4	Sealant ¹⁾	3	4	-	-
	Glazing strip	3	9	3	10

1) Length 150 mm

SUPPLIERS/MANUFACTURES

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