

Takkupoler



Mataki's takkupoler are made from a thermoplastic weather-resistant material of the type polymethyl methacrylate (PMMA). The acrylic contains UV-absorbers, which prevent almost all ultraviolet rays from penetrating. The domes are fitted into extruded aluminum profiles including sealing strips, which function as a seal between the dome and the frame and eliminate cold bridges.

The domes can be obtained as domed or pyramid-shaped in 2, 3 or 4-layer acrylic.

Acrylic is not a diffusion-resistant material and it can therefore, in wet periods, cause condensation between the acrylic layers.

The domes are available in different sizes and both as fixed or removable.

FORM

Domed or pyramid-shaped.

LJUS

Clear or opaque. External aluminum is standard untreated, but can be treated at additional cost.

SKIKT

2, 3 or 4-layer acrylic.

STORLEKAR

Available in standard sizes (see table) or in special sizes (contact customer support for more information).

KARM

Delivered with or without frame, standard 44 mm solid timber frame. Can also be obtained with 44 or 53 mm insulated frame.

The frame is delivered either as fixed or removable, divided into 5 cm and standard untreated.

RENGÖRING

Roof ventilators are cleaned with soap, hot water and a brush at least 2 times a year. Never use organic cleaning agents.

UNDERHÅLL

Movable parts can be adjusted in the frame and sliding function - these should be kept lightly oiled to avoid them sticking. Make sure all removable frames function correctly. Check that screws in the frame are tightened. Check that butyl tape and sealing strips are intact and that aluminum lists are seated correctly. Gummi- and tätningslister underhålls med silikonbaserad olja.

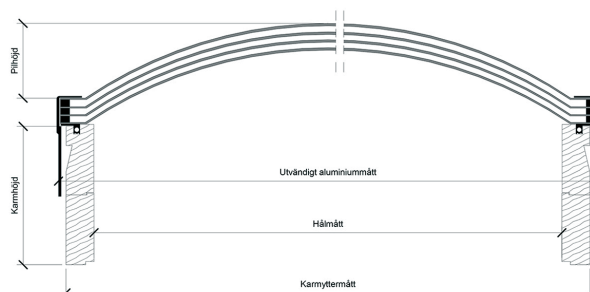
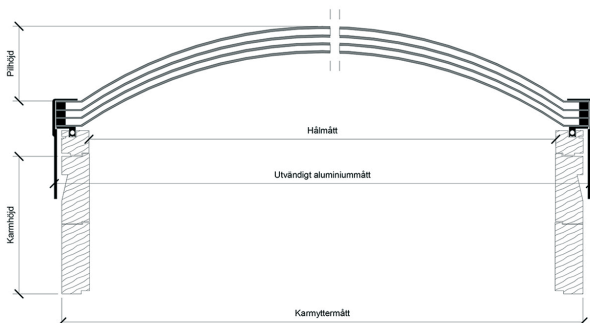
Standardstorlekar och teknisk data

Invändigt karmmått (ljusmått), cm	Kantyttermått, cm	Utvändigt alu-mått, cm	Ljusinsläpp, m ²	Pilhöjd (välvd), cm	Pilhöjd (pyramid), cm
52 x 52	61 x 61	63 x 63	0,27	10	18
60 x 60	69 x 69	71 x 71	0,36	12	20
85 x 85	94 x 94	96 x 96	0,72	17	27
100 x 100	109 x 109	111 x 111	1,00	20	32
100 x 200	109 x 209	111 x 211	2,00	20	32
120 x 120	129 x 129	131 x 131	1,44	24	38
120 x 240	129 x 249	131 x 251	2,88	24	38

Typ	U-värde W/m ² K ⁰			Ljusgenomgång		Solfaktor g-värde	
Akryl	Kupol	Massiv träram	44 mm isokarm	Klar	Opal	Klar	Opal
2-skikts	2,8	2,5	1,8	85 %	72 %	74 %	66 %
3-skikts	2,0	2,1	1,5	78 %	61 %	68 %	56 %
4-skikts	1,3	1,7	1,4	72 %	52 %	62 %	48 %

Aerodynamisk areal

Aerodynamisk areal m ²	Ljusmått 85 x 85 cm	Ljusmått 100 x 100 cm	Ljusmått 120 x 120 cm	Ljusmått 100 x 200 cm	Ljusmått 120 x 240 cm
Välvd - 30 cm över tak	0,50	0,63	0,82	0,98	1,27
Pyramid - 40 cm över tak	0,51	0,66	0,90	1,12	1,45



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