



SMART WITH DAYLIGHT



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Van Deudekom Plastics

We are a third-generation family business and have been specializing in the development and production of skylights since 1972. We are an ISO 9001 certified company that has quality and customer focus as its main core values. Our products have been further developed and optimized over many years. By using high-quality materials and a robust production process, the quality of our product is of a very high level. Our Megalux® - skydomes are independently tested and comply with the strict European industry standards EN 1873 and EN 12101-2. Partly due to this, Van Deudekom Plastics, with its broad range and Megalux® - skydomes, has held a strong market position for years.

Corporate Social Responsibility (CSR)

Van Deudekom Plastics is firmly committed to the principles of Corporate Social Responsibility (CSR). We continuously work to reduce our environmental footprint, improve energy efficiency, and integrate circularity into our products. At Van Deudekom Plastics, CSR represents an ongoing process of awareness and responsible action across social impact, energy use, and cost efficiency.

Sustainability

By using Megalux® - skydomes you bring the sun into your home. With enough daylight, our bodies produce more vitamins, we feel fitter, and our productivity increases. Daylight gives energy and supports our circadian rhythm. Those who get enough daylight during the day feel better and sleep better at night.

With a Megalux® - skydomes, the indoor climate can naturally adjust, and you are ensured good insulation and ventilation. Where there is light, there is a sense of safety and fewer mistakes are made.

Why turn on the lights unnecessarily when you can bring in daylight? By using Megalux® - skydomes, you can halve the energy costs for artificial lighting. In doing so, you also bring in a free heat source. Thanks to the latest technologies, daylight products and insulation go hand in hand. If you choose sustainable, you choose Megalux® - skydomes.



Daylight is not a luxury; it is an absolute necessity. For our well-being, our safety and in accordance with regulations. Specific requirements are set for this in the Building Decree and the Working Conditions Decree.

The Megalux®-skydomes can therefore be found in the national environmental database. This indicates, based on the life cycle inventory, how environmentally friendly a skydome actually is.

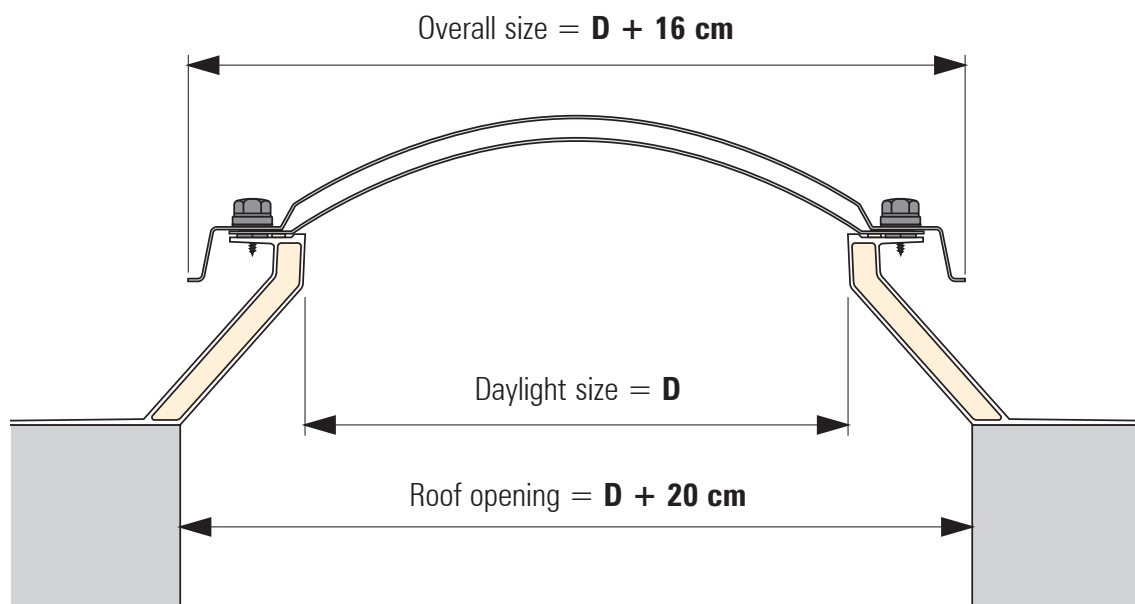
At Van Deudekom Plastics, we are continuously improving our processes toward a CO2-neutral society.



Skydome opal with curb PVC BF16EP



Information skydomes acrylic (AC) and skydomes polycarbonate (PC)



Skydome versions

- Multi skinned skydomes in opal are produced with clear inner shells.
- Three and four skinned pyramid skydomes are standard produced with one or two curved inner shell/shells.
- Multi skinned polycarbonate skydomes are standard produced with a clear outer shell of polycarbonate (PC) and an inner shell of clear or opal acrylic (AC).
- On request and for extra payment the skydomes are also available in various colours and in Heatstop.

Skydome utilization

- Single skinned Megalux®-skydomes can be used in uninsulated and unventilated areas.
- Multi skinned Megalux®-skydomes are so constructed that the space between the skins is optimized for maximum insulation.
- Polycarbonate skydomes are made of high impact material which delays burglarly.



ISO-domes

Due to a multiwall, inner skinned ISO-domes have a very low U-value and are therefore excellent suitable for living environments. ISO-domes consists of an inner and outer opal AC shell, within a PC multiwall clear shell to guarantee high insulation.

High impact polycarbonate skydomes

The impact strength of polycarbonate is 300 times stronger than glass, so it is almost unbreakable. Together with the Megalux®-anti burglar bar the polycarbonate skydome is a strong weapon against uninvited guests.

Maintenance

- Skydomes can only be cleaned with a mild household detergent and plenty of water.
- Avoid contact of skydomes with silicones, adhesives, solvents and bitumen (list of restrictions available on request).

High impact polycarbonate fixings

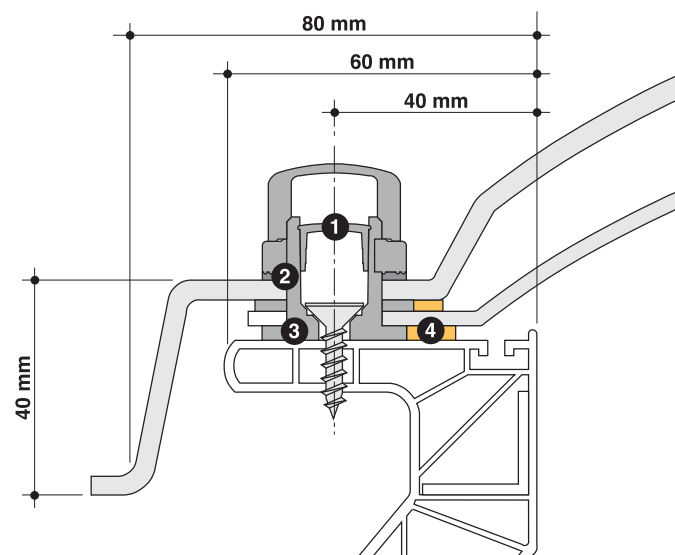
Megalux®-skydomes are completed with an unique fixing system made of high impact polycarbonate. Fixing consists of a screw, a cap and anti-theft security insert to slowdown intruders.

The EPDM sealing rings have a permanent elasticity. The whole system is made in gray, which guarantees least possible thermal load.

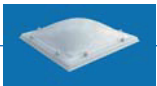
The Megalux®-fixture system is universal and therefore interchangeable with all parts of the program.

The whole system is designed for a fast and hassle-free/easy mounting.

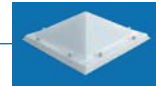
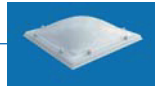
- 1) Anti-burglary cap
- 2) EPDM ring
- 3) Optimum distance
- 4) PE tape



Skydomes acrylic (AC)

									
	Dome				Pyramid				ISO-Dome
Daylight size D in cm	1-S AC	2-S AC/AC	3-S AC/AC/AC	4-S AC/AC/AC/AC	1-S AC	2-S AC/AC	3-S AC/AC/AC	4-S AC/AC/AC/AC	6-S AC/PC/AC
30 x 30	109	143	183	225					
40 x 40	117	159	202	240	166	228	271	314	248
50 x 50	141	202	265	329					316
55 x 55	153	218	284	354					344
60 x 60	166	223	288	355	226	306	377	445	349
70 x 70	173	258	354	447	240	355	458	561	423
75 x 75	196	304	423	547					511
80 x 80	205	329	465	602	283	457	601	744	554
90 x 90	234	374	528	683	331	515	681	846	623
100 x 100	264	408	559	712	373	547	725	906	666
105 x 105	304	516	750	984					899
110 x 110	325	552	790	1028					948
120 x 120	370	608	857	1106	500	786	1079	1370	1028
130 x 130	451	673	911	1150	602	870	1150	1427	1092
140 x 140	518	844	1189	1536					1452
150 x 150	645	975	1326	1675	867	1264	1676	2094	1606
160 x 160	712	1100	1518	1937	955	1432	1915	2397	1811
180 x 180	941	1543	2186	2829	1178	1928	2562	3197	
200 x 200	1523	2378	3106	4051	on request	on request	on request	on request	
220 x 220	on request	on request	on request	on request					
230 x 230	on request	on request	on request	on request					
250 x 250	on request	on request	on request	on request					
30 x 80	142	208	277	345					331
30 x 130	208	284	369	455					442
40 x 70	143	213	288	363					349
40 x 100	176	268	363	458					405
40 x 190	316	466	625	785					750
50 x 100	197	283	381	480					432
50 x 110	198	317	447	576					538
60 x 90	196	306	431	553	265	421	557	692	496
60 x 130	257	395	547	697					651
60 x 180	363	557	761	966					917
70 x 100	217	342	475	607					563
70 x 130	269	421	579	741					726
75 x 125	277	438	608	782					729
75 x 175	378	578	792	1005					954
80 x 130	295	454	621	787					741
80 x 160	384	599	822	1053					
80 x 180	395	623	866	1110					1039
80 x 220	561	817	1092	1370					1310
80 x 230	578	835	1106	1379					
80 x 250	619	928	1259	1591					
80 x 280	675	1122	1591	2061					
90 x 120	327	545	772	1001	451	742	996	1245	785
90 x 150	393	635	901	1166	538	875	1162	1449	1082
90 x 180	432	729	1045	1359	595	998	1346	1693	1217
100 x 130	355	524	711	894					845
100 x 150	397	645	906	1169					1117
100 x 160	409	663	937	1209					1150
100 x 190	557	846	1169	1489					1402
100 x 200	563	853	1177	1496	811	1188	1544	1905	1421
100 x 220	603	895	1213	1529					1467
100 x 230	666	1034	1423	1808					
100 x 250	713	1145	1597	2054					
100 x 280	767	1234	1728	2219					
105 x 230	690	1177	1693	2211					2031
120 x 150	477	832	1208	1580	656	1137	1544	1954	1446
120 x 180	547	946	1379	1811	750	1299	1771	2245	1653
120 x 210	706	1112	1543	1977	888	1522	1997	2473	1852
130 x 160	518	906	1322	1735					1584
130 x 190	692	1087	1511	1932					1811
130 x 220	777	1213	1675	2145					2014
130 x 230	805	1292	1806	2321					
130 x 250	833	1450	2110	2768					
130 x 280	1025	1620	2249	2881					
160 x 190	806	1328	1882	2434					2255
160 x 220	954	1506	2115	2724					
160 x 230	1027	1669	2380	3084					
160 x 250	1186	1791	2455	3119					
160 x 280	1310	2016	2794	3571					
180 x 280	1389	2138	2962	3786					

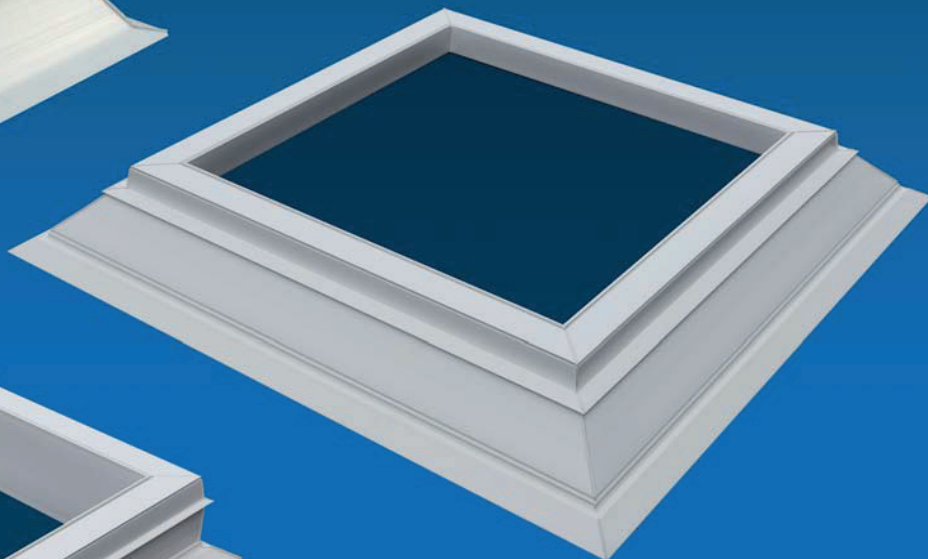
Skydomes polycarbonate (PC)



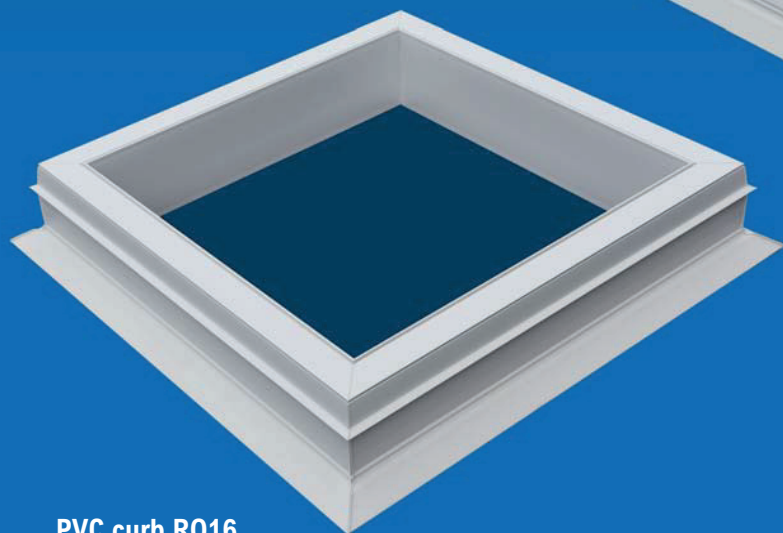
 Daylight size D in cm	Dome						Pyramid				ISO-Dome
	1-S PC	2-S PC/AC	2-S PC/PC	3-S PC/AC/AC	3-S PC/AC/PC	4-S PC/AC/AC/AC	1-S PC	2-S PC/AC	2-S PC/PC	3-S PC/AC/AC	6-S PC/PC/AC
30 x 30	148	187	214	229	239	269					
40 x 40	154	204	221	253	258	305					
50 x 50	177	232	274	302	312	367					
55 x 55	208	277	304	348	358	427					
60 x 60	210	293	326	378	383	464					
70 x 70	249	354	401	460	478	568					
75 x 75	270	366	450	471	522	619					
80 x 80	333	454	567	583	656	713	436	603	695	771	688
90 x 90	386	523	670	705	763	810	508	698	820	884	778
100 x 100	441	578	763	771	817	867	578	772	963	966	849
105 x 105	474	621	827	838	926	1044					1015
110 x 110	524	683	838	875	947	1142					1095
120 x 120	632	840	1067	1081	1208	1278	830	1122	1306	1411	1277
130 x 130	720	952	1211	1225	1376	1447	941	1278	1488	1610	1390
140 x 140	902	1193	1545	1605	1748	1815					1824
150 x 150	998	1322	1711	1776	1932	2008	1305	1764	2103	2226	1973
160 x 160	1099	1459	2026	2081	2228	2271	1439	1944	2524	2725	2197
180 x 180	1274	1756	2376	2428	2737	2985	1668	2353	2922	3037	
200 x 200	2155	2946	3978	4136	4471	4632	on request	on request	on request	on request	
220 x 220	on request	on request	on request	on request	on request	on request					
230 x 230											
250 x 250											
30 x 80	187	249	281	314	326	379					378
30 x 130	314	447	458	587	596	724					611
40 x 70	192	270	294	343	347	419					408
40 x 100	221	311	386	404	454	508					451
40 x 190	516	649	851	883	932	937					943
50 x 100	257	344	425	441	482	538					500
50 x 110	271	383	454	499	542	640					611
60 x 90	310	403	468	508	530	617	403	535	629	669	597
60 x 130	399	557	695	722	811	884					819
60 x 180	632	830	955	1038	1087	1247					1204
70 x 100	367	474	608	625	680	699					704
70 x 130	459	596	750	785	842	880					912
75 x 125	462	597	765	793	852	888					900
75 x 175	658	864	995	1081	1132	1300					1252
80 x 130	492	653	805	837	920	1015					951
80 x 160	652	898	1074	1122	1256	1344					
80 x 180	687	963	1133	1201	1341	1440					1394
80 x 220	837	1100	1214	1377	1396	1657					1610
80 x 230	868	1156	1288	1459	1488	1763					
80 x 250	920	1322	1459	1738	1767	2163					
80 x 280	1184	1509	1702	1873	1915	2236					
90 x 120	489	636	769	835	872	1077	635	852	946	1071	888
90 x 150	548	816	916	1094	1125	1373	724	1071	1122	1419	1278
90 x 180	629	938	1119	1215	1365	1495	837	1230	1372	1622	1443
100 x 130	557	730	967	1020	1089	1102					1063
100 x 150	596	861	996	1138	1201	1421					1351
100 x 160	670	908	1152	1162	1325	1411					1413
100 x 190	810	1072	1396	1406	1578	1653					1647
100 x 200	841	1143	1458	1469	1675	1790	1105	1533	1632	1958	1730
100 x 220	967	1253	1552	1553	1735	1850					1842
100 x 230	993	1308	1553	1647	1767	2008					
100 x 250	1059	1463	1770	1893	2070	2325					
100 x 280	1193	1706	2151	2260	2552	2808					
105 x 230	1077	1495	1691	1910	2106	2454					2383
120 x 150	884	1116	1291	1344	1523	1754	1237	1559	1803	1885	1754
120 x 180	995	1344	1566	1694	1915	2043	1391	1884	2187	2372	2079
120 x 210	1099	1554	1729	2006	2183	2461	1535	2173	2420	2806	2323
130 x 160	974	1227	1423	1476	1671	1925					1930
130 x 190	1072	1471	1691	1869	2089	2271					2224
130 x 220	1188	1678	2147	2173	2363	2668					2509
130 x 230	1220	1746	2208	2271	2450	2796					
130 x 250	1291	1910	2334	2526	2651	3145					
130 x 280	1463	2163	2524	2864	3007	3566					
160 x 190	1287	1824	2224	2363	2572	2903					2787
160 x 220	1423	2016	2453	2606	2836	3196					
160 x 230	1470	2167	2528	2870	3014	3570					
160 x 250	1559	2300	2688	3041	3195	3784					
160 x 280	1690	2496	2913	3304	3472	4113					
180 x 280	1791	2646	3087	3503	3681	4360					



PVC curb SF16

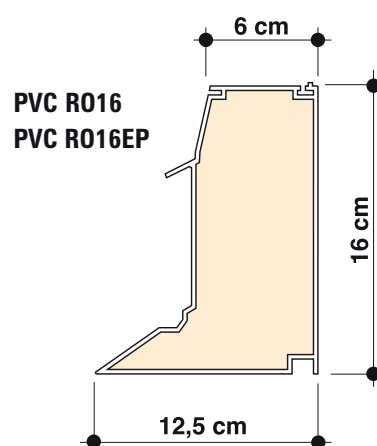
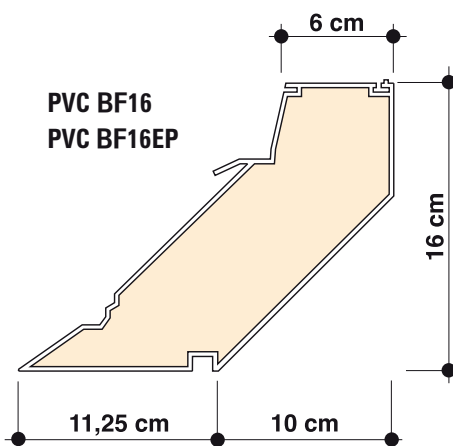
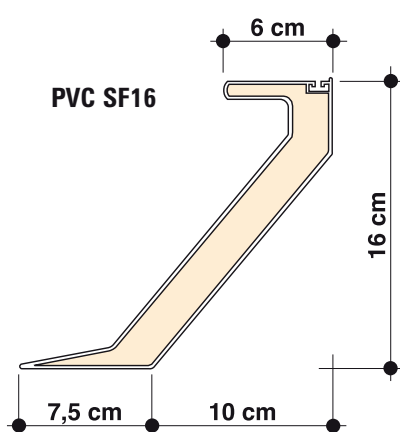


PVC curb BF16



PVC curb R016

Information curbs PVC



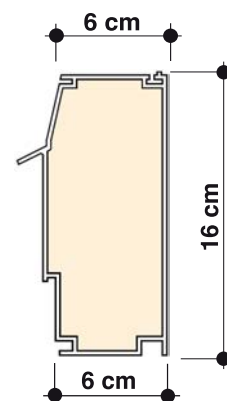
For good insulation the PVC curbs are double skinned and can be provided with extra EPS insulation. For optimum connection with the roof the outside of the curb is rough. The PVC curbs are completely recyclable.

Standard versions type:

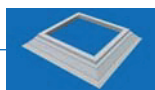
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|-----------------------|----------------|----------------|---------------|
| - SF16 (small flange) | = height 16 cm | = air isolated | = thick 25 mm |
| - BF16 | = height 16 cm | = air isolated | = thick 70 mm |
| - BF16EP | = height 16 cm | = EPS isolated | = thick 70 mm |
| - R016 | = height 16 cm | = air isolated | = thick 70 mm |
| - R016E | = height 16 cm | = EPS isolated | = thick 70 mm |

**PVC R016/OS
PVC R016EP/OS**

PVC curb adaptors R016/OS and R016EP/OS = PVC curbs R016 and R016EP without flange



Curbs PVC sloping model, vertical model and PVC curb adaptor



PVC sloping model

 Daylight size D in cm	Roof opening size D + 20 cm	SF16 small flange air isolated	BF16 air isolated	BF16EP EPS
30 x 30	50 x 50	171	230	252
40 x 40	60 x 60	179	239	260
50 x 50	70 x 70	184	265	289
55 x 55	75 x 75	195	268	292
60 x 60	80 x 80	201	286	312
70 x 70	90 x 90	237	336	364
75 x 75	95 x 95	246	354	386
80 x 80	100 x 100	251	368	400
90 x 90	110 x 110	275	389	425
100 x 100	120 x 120	286	412	448
105 x 105	125 x 125	303	438	480
110 x 110	130 x 130	307	443	484
120 x 120	140 x 140	331	473	518
130 x 130	150 x 150	357	511	557
140 x 140	160 x 160	389	547	599
150 x 150	170 x 170	414	585	641
160 x 160	180 x 180	450	629	687
180 x 180	200 x 200	504	706	771
200 x 200	220 x 220	575	755	827
220 x 220	240 x 240	638	986	1079
230 x 230	250 x 250	659	1030	1128
250 x 250	270 x 270	709	1119	1222
30 x 80	50 x 100	186	268	292
30 x 130	50 x 150	251	377	414
40 x 70	60 x 90	186	268	292
40 x 100	60 x 120	237	335	363
40 x 190	60 x 210	322	482	527
50 x 100	70 x 120	237	344	377
50 x 110	70 x 130	251	354	386
60 x 90	80 x 110	237	344	377
60 x 130	80 x 150	280	409	447
60 x 180	80 x 200	336	483	528
70 x 100	90 x 120	256	375	408
70 x 130	90 x 150	286	414	451
75 x 125	95 x 145	286	435	476
75 x 175	95 x 195	349	503	549
80 x 130	100 x 150	303	425	463
80 x 160	100 x 180	331	503	549
80 x 180	100 x 200	357	517	567
80 x 220	100 x 240	414	594	649
80 x 230	100 x 250	431	612	671
80 x 250	100 x 270	460	684	746
80 x 280	100 x 300	506	714	782
90 x 120	110 x 140	303	442	483
90 x 150	110 x 170	331	497	545
90 x 180	110 x 200	375	530	578
100 x 130	120 x 150	322	455	499
100 x 150	120 x 170	349	506	552
100 x 160	120 x 180	357	515	562
100 x 190	120 x 210	405	580	633
100 x 200	120 x 220	414	594	649
100 x 220	120 x 240	450	636	695
100 x 230	120 x 250	455	649	712
100 x 250	120 x 270	478	683	745
100 x 280	120 x 300	522	707	772
105 x 230	125 x 250	460	709	773
120 x 150	140 x 170	375	573	625
120 x 180	140 x 200	414	594	649
120 x 210	140 x 230	455	649	709
130 x 160	150 x 180	405	577	631
130 x 190	150 x 210	450	636	695
130 x 220	150 x 240	485	689	756
130 x 230	150 x 250	493	717	784
130 x 250	150 x 270	521	734	804
130 x 280	150 x 300	596	851	930
160 x 190	180 x 210	485	722	788
160 x 220	180 x 240	522	748	816
160 x 230	180 x 250	545	756	828
160 x 250	180 x 270	596	883	964
160 x 280	180 x 300	644	916	1001
180 x 280	200 x 300	676	948	1039

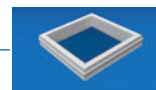
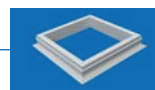


Daylight size D in cm

Roof opening size

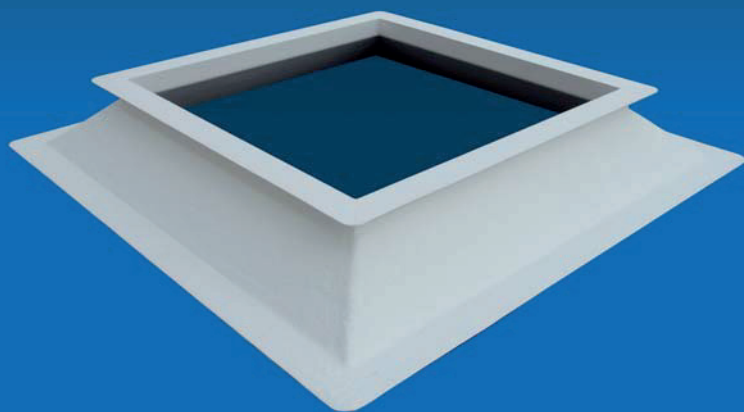
PVC vertical model

Daylight size D in cm	Roof opening size	R016 air isolated	R016EP EPS
30 x 30	30 x 30	222	244
40 x 40	40 x 40	229	251
50 x 50	50 x 50	304	331
55 x 55	55 x 55	314	342
60 x 60	60 x 60	316	347
70 x 70	70 x 70	339	372
75 x 75	75 x 75	388	422
80 x 80	80 x 80	394	429
90 x 90	90 x 90	408	446
100 x 100	100 x 100	459	503
105 x 105	105 x 105	493	538
110 x 110	110 x 110	497	545
120 x 120	120 x 120	518	568
130 x 130	130 x 130	546	595
140 x 140	140 x 140	599	655
150 x 150	150 x 150	656	717
160 x 160	160 x 160	702	767
180 x 180	180 x 180	765	836
200 x 200	200 x 200	825	902
220 x 220	220 x 220	969	1060
230 x 230	230 x 230	1004	1099
250 x 250	250 x 250	1072	1173
30 x 80	30 x 80	258	279
30 x 130	30 x 130	353	385
40 x 70	40 x 70	242	267
40 x 100	40 x 100	339	372
40 x 190	40 x 190	492	537
50 x 100	50 x 100	391	427
50 x 110	50 x 110	406	443
60 x 90	60 x 90	364	397
60 x 130	60 x 130	455	497
60 x 180	60 x 180	537	587
70 x 100	70 x 100	406	443
70 x 130	70 x 130	446	487
75 x 125	75 x 125	481	526
75 x 175	75 x 175	558	611
80 x 130	80 x 130	482	527
80 x 160	80 x 160	518	568
80 x 180	80 x 180	552	602
80 x 220	80 x 220	628	685
80 x 230	80 x 230	658	718
80 x 250	80 x 250	735	805
80 x 280	80 x 280	778	851
90 x 120	90 x 120	478	522
90 x 150	90 x 150	557	609
90 x 180	90 x 180	586	643
100 x 130	100 x 130	509	555
100 x 150	100 x 150	548	601
100 x 160	100 x 160	565	616
100 x 190	100 x 190	629	687
100 x 200	100 x 200	636	695
100 x 220	100 x 220	702	767
100 x 230	100 x 230	720	786
100 x 250	100 x 250	751	821
100 x 280	100 x 280	786	857
105 x 230	105 x 230	778	851
120 x 150	120 x 150	629	687
120 x 180	120 x 180	651	714
120 x 210	120 x 210	715	783
130 x 160	130 x 160	620	678
130 x 190	130 x 190	694	760
130 x 220	130 x 220	764	834
130 x 230	130 x 230	787	860
130 x 250	130 x 250	810	886
130 x 280	130 x 280	927	1015
160 x 190	160 x 190	769	840
160 x 220	160 x 220	817	893
160 x 230	160 x 230	834	909
160 x 250	160 x 250	960	1050
160 x 280	160 x 280	1001	1092
180 x 280	180 x 280	1040	1135

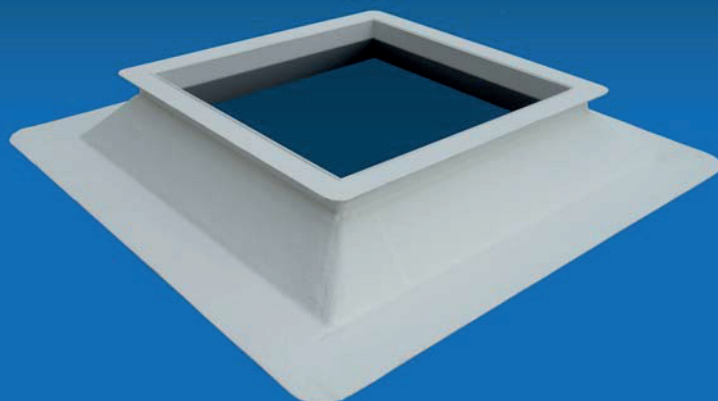


PVC curb adaptor

R016/OS air isolated	R016EP /OS EPS
235	255
241	263
315	343
325	353
328	358
350	384
400	434
406	442
419	457
471	515
506	549
509	556
529	580
557	608
610	667
668	728
713	778
777	847
837	913
980	1072
1015	1110
1084	1184
270	291
364	396
254	278
350	384
504	548
404	440
417	454
377	409
468	509
548	600
417	454
457	499
492	538
571	622
493	539
529	580
563	613
640	696
670	731
746	816
789	863
489	535
569	620
599	655
520	567
559	612
576	628
641	699
647	707
713	778
732	798
762	834
798	870
789	863
641	699
662	725
726	795
632	689
706	772
776	845
799	872
821	899
939	1026
780	852
828	905
845	920
973	1062
1012	1105
1051	1146



Polyester curb H15



Polyester curb E15

Information curbs polyester and other versions

Polyester curbs

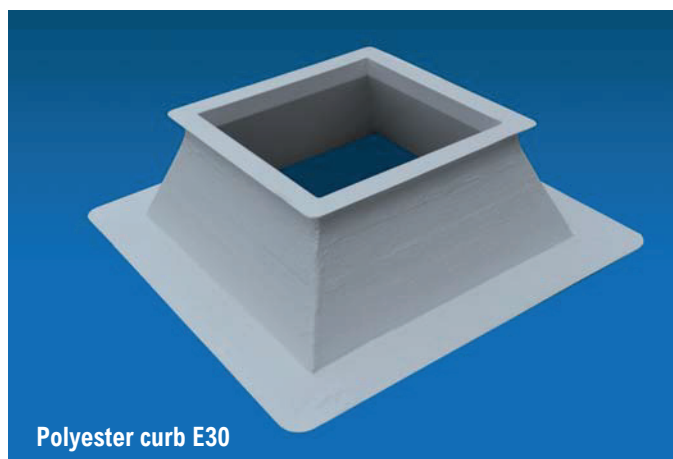
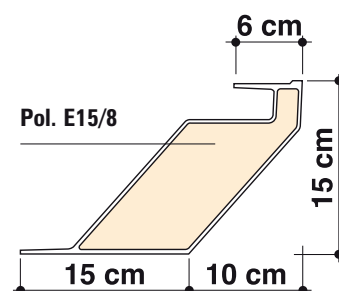
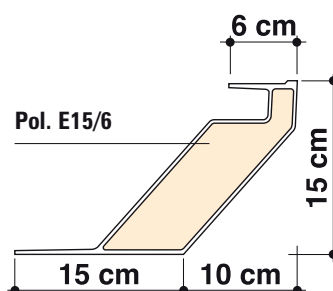
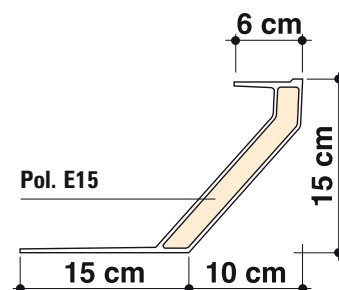
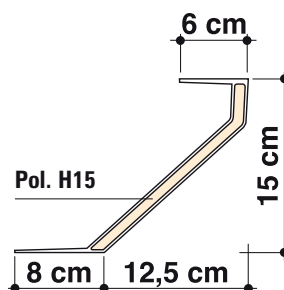
These polyester curbs are also double skinned with a filling of polyurethane. The outside is rough to create optimum fixing with the roof material and finished off with a weatherproof top coating.

Standard versions type:

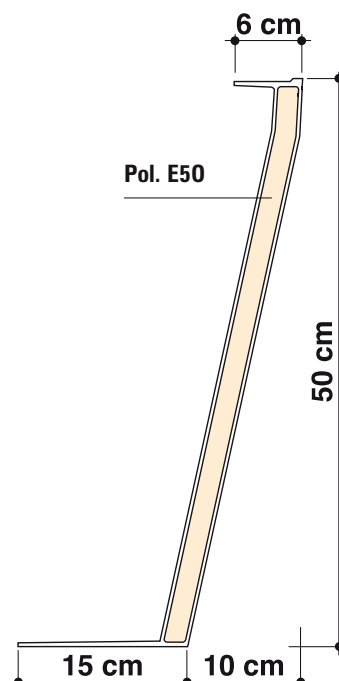
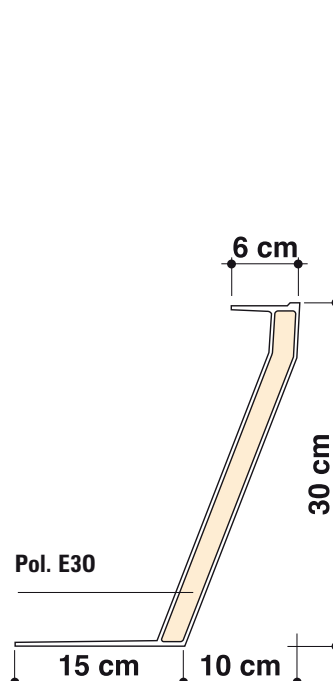
- Type H15 (small flange) = Roof opening = Daylight size D + 25 cm
- E15 - E15/6 - E15/8 - E30 - E30/6 - E30/8 - E50 - E50/6 - E50/8 (wide flange) = Roof opening = Daylight size D + 20 cm

Special versions (prices on request):

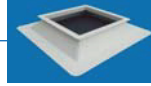
- PVC strip (Trocal) for PVC roofing material
- Curbs with insulated under flange
- Curbs with different side insulation
- Northern light curbs
- Curbs with connection for wave- and other roof profiles
- PVC Roof size finishing
- Curbs with flange extension



Polyester curb E30



Curbs polyester wide flange



 Daylight size D in cm	Roof opening size D + 20 cm	Polyester								
		E15 (Height 15 cm)			E30 (Height 30 cm)			E50 (Height 50 cm)		
		E15	E15/6 thickness 6 cm	E15/8 thickness 8 cm	E30	E30/6 thickness 6 cm	E30/8 thickness 8 cm	E50	E50/6 thickness 6 cm	E50/8 thickness 8 cm
30 x 30	50 x 50	323	399	418						
40 x 40	60 x 60	341	407	429	526	665	711	723	903	973
50 x 50	70 x 70	387	438	463	655	752	804	851	1014	1098
55 x 55	75 x 75	400	464	492	618	758	811	742	1039	1129
60 x 60	80 x 80	416	506	536	643	833	890	894	1129	1222
70 x 70	90 x 90	479	591	623	735	958	1024	1013	1303	1409
75 x 75	95 x 95									
80 x 80	100 x 100	499	616	655	754	1015	1087	1039	1378	1497
90 x 90	110 x 110	537	693	735	881	1137	1216	1287	1544	1676
100 x 100	120 x 120	620	777	816	948	1263	1347	1237	1713	1855
105 x 105	125 x 125	642	758	805	985	1334	1424	1309	1828	1975
110 x 110	130 x 130									
120 x 120	140 x 140	743	901	947	1125	1458	1556	1421	2022	2189
130 x 130	150 x 150	758	941	992	1136	1534	1638	1539	2083	2262
140 x 140	160 x 160				1414	1641	1758	1857	2234	2423
150 x 150	170 x 170				1319	1759	1880	1986	2388	2591
160 x 160	180 x 180	908	1140	1204	1397	1875	2002	1813	2547	2764
180 x 180	200 x 200	1049	1280	1355	1607	2107	2248	2094	2853	3094
200 x 200	220 x 220	1168	1477	1554	1788	2411	2565	2337	3268	3527
220 x 220	240 x 240									
230 x 230	250 x 250	1517	1696	1782	2407	2766	2943	3162	3752	4049
250 x 250	270 x 270									
30 x 80	50 x 100	385	464	492	620	758	811	807	1039	1129
30 x 130	50 x 150	499	616	655	800	1015	1087	1039	1378	1497
40 x 70	60 x 90	385	464	492	584	758	811	807	1039	1129
40 x 100	60 x 120	479	591	623	735	958	1024			
40 x 190	60 x 210									
50 x 100	70 x 120	535	604	639						
50 x 110	70 x 130	549	616	655						
60 x 90	80 x 110									
60 x 130	80 x 150	611	735	777	977	1204	1287			
60 x 180	80 x 200									
70 x 100	90 x 120	526	660	696	807	1078	1152	1109	1468	1594
70 x 130	90 x 150									
75 x 125	95 x 145									
75 x 175	95 x 195									
80 x 130	100 x 150	639	758	805	918	1244	1334	1199	1688	1837
80 x 160	100 x 180				1125	1458	1556			
80 x 180	100 x 200	743	941	992	1143	1534	1638	1558	2083	2262
80 x 220	100 x 240	875	1077	1135	1355	1759	1880	1749	2388	2591
80 x 230	100 x 250	901	1109	1170	1465	1820	1943	1894	2467	2673
80 x 250	100 x 270									
80 x 280	100 x 300	1056	1280	1355	1612	2107	2248	2105	2853	3094
90 x 120	110 x 140									
90 x 150	110 x 170									
90 x 180	110 x 200									
100 x 130	120 x 150	675	828	874	1098	1360	1455	1424	1850	2011
100 x 150	120 x 170									
100 x 160	120 x 180	743	941	992	1187	1534	1638	1539	2083	2262
100 x 190	120 x 210				1308	1697	1815			
100 x 200	120 x 220	875	1077	1135	1355	1759	1880	1749	2388	2591
100 x 220	120 x 240	936	1140	1204	1397	1875	2002	1883	2547	2764
100 x 230	120 x 250	968	1183	1245	1504	1936	2067	1954	2622	2840
100 x 250	120 x 270	1021	1248	1319	1574	2046	2183	1996	2783	3013
100 x 280	120 x 300	1202	1356	1428	1726	2216	2366	2516	3010	3256
105 x 230	125 x 250	974	1201	1267	1539	1962	2096	2044	2663	2886
120 x 150	140 x 170									
120 x 180	140 x 200							1986	2388	2591
120 x 210	140 x 230	1058	1183	1245						
130 x 160	150 x 180	851	1042	1098	1306	1697	1815	1687	2309	2506
130 x 190	150 x 210	936	1140	1204	1439	1875	2002	1859	2547	2764
130 x 220	150 x 240	1049	1248	1319	1635	2046	2183	2038	2783	3013
130 x 230	150 x 250	1058	1280	1355	1656	2107	2248	2383	2853	3094
130 x 250	150 x 270	1078	1356	1428	1726	2216	2366	2249	3010	3256
130 x 280	150 x 300	1225	1556	1638	1984	2556	2713	2925	3451	3718
160 x 190	180 x 210									
160 x 220	180 x 240	1110	1356	1428	1705	2216	2366	2236	3010	3256
160 x 230	180 x 250	1163	1388	1465	1753	2270	2423	2573	3080	3338
160 x 250	180 x 270	1235	1455	1536	1899	2388	2546	2506	3238	3505
160 x 280	180 x 300	1381	1564	1647	2118	2563	2732	2764	3590	3872
180 x 280	200 x 300	1445	1696	1782	2407	2766	2943	3162	3752	4049



SMART WITH DAYLIGHT



Curbs polyester H15

Roofsize finishing and curb adaptors



Polyester

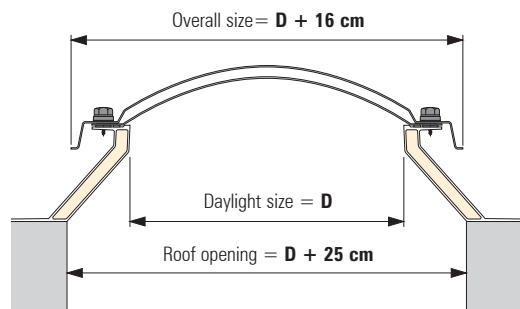
Daylight size D in cm	Roof opening size D + 25 cm	Curb H15 small flange height 15 cm
30 x 30	55 x 55	232
40 x 40	65 x 65	288
50 x 50	75 x 75	329
55 x 55	80 x 80	349
60 x 60	85 x 85	364
70 x 70	95 x 95	427
75 x 75	100 x 100	448
80 x 80	105 x 105	461
90 x 90	115 x 115	499
100 x 100	125 x 125	520
105 x 105	130 x 130	534
110 x 110	135 x 135	567
120 x 120	145 x 145	612
130 x 130	155 x 155	665
140 x 140	165 x 165	754
150 x 150	175 x 175	800
160 x 160	185 x 185	810
180 x 180	205 x 205	958
200 x 200	225 x 225	
220 x 220	245 x 245	
230 x 230	255 x 255	
250 x 250	275 x 275	
30 x 80	55 x 105	367
30 x 130	55 x 155	473
40 x 70	65 x 95	341
40 x 100	65 x 125	427
40 x 190	65 x 215	
50 x 100	75 x 125	448
50 x 110	75 x 135	
60 x 90	85 x 115	485
60 x 130	85 x 155	536
60 x 180	85 x 205	
70 x 100	95 x 125	472
70 x 130	95 x 155	520
75 x 125	100 x 150	537
75 x 175	100 x 200	622
80 x 130	105 x 155	560
80 x 160	105 x 185	
80 x 180	105 x 205	712
80 x 220	105 x 245	
80 x 230	105 x 255	
80 x 250	105 x 275	
80 x 280	105 x 305	
90 x 120	115 x 145	585
90 x 150	115 x 175	643
90 x 180	115 x 205	723
100 x 130	125 x 155	584
100 x 150	125 x 175	
100 x 160	125 x 185	665
100 x 190	125 x 215	
100 x 200	125 x 225	779
100 x 220	125 x 245	
100 x 230	125 x 255	
100 x 250	125 x 275	
100 x 280	125 x 305	
105 x 230	130 x 255	
120 x 150	145 x 175	723
120 x 180	145 x 205	
120 x 210	145 x 235	
130 x 160	155 x 185	779
130 x 190	155 x 215	
130 x 220	155 x 245	
130 x 230	155 x 255	
130 x 250	155 x 275	
130 x 280	155 x 305	
160 x 190	185 x 215	
160 x 220	185 x 245	
160 x 230	185 x 255	
160 x 250	185 x 275	
160 x 280	185 x 305	
180 x 280	205 x 305	



Polyester

Daylight size D in cm	Curb adaptors height 15 cm	PVC Roofsize finishing height 60 cm	height 100 cm
30 x 30		437	583
40 x 40	347	506	655
50 x 50	390	559	736
55 x 55		588	779
60 x 60	426	616	819
70 x 70	494	670	907
75 x 75		708	964
80 x 80	522	758	1007
90 x 90	618	845	1112
100 x 100	647	909	1188
105 x 105	688	980	1252
110 x 110		1013	1305
120 x 120		1100	1383
130 x 130	786	1166	1540
140 x 140		1250	1607
150 x 150		1327	1780
160 x 160	958	1404	1893
180 x 180	1080	1621	2153
200 x 200	1319	1764	2450
220 x 220		1972	2738
230 x 230		2097	2873
250 x 250		2273	3097
30 x 80	392	625	811
30 x 130	517	778	1078
40 x 70	392	625	811
40 x 100		735	938
40 x 190		1029	1059
50 x 100		708	964
50 x 110			
60 x 90	494	708	964
60 x 130	620		
60 x 180			
70 x 100	557	812	1096
70 x 130		909	1188
75 x 125		909	1188
75 x 175		1135	1426
80 x 130	639	980	1252
80 x 160		1100	1383
80 x 180	786	1166	1540
80 x 220	905	1327	1780
80 x 230	933	1449	1862
80 x 250		1518	1959
80 x 280	1137	1607	2134
90 x 120		980	1252
90 x 150			
90 x 180			
100 x 130	692	1029	1059
100 x 150			
100 x 160	788	1166	1540
100 x 190		1371	1846
100 x 200	905	1327	1767
100 x 220	958	1402	1881
100 x 230	992	1480	1997
100 x 250	1048	1589	2139
100 x 280		1729	2296
105 x 230	1013	1508	2019
120 x 150			
120 x 180		1327	1767
120 x 210			
130 x 160	874	1371	1846
130 x 190	958	1402	1881
130 x 220	1109	1589	2111
130 x 230	1080	1607	2134
130 x 250	1140	1729	2313
130 x 280		1881	2476
160 x 190		1589	2111
160 x 220		1729	2313
160 x 230		1790	2434
160 x 250	1322	1844	2499
160 x 280		1972	2738
180 x 280			

Roof opening with polyester curb H15



Polyester curb adaptors for renovation

In case of existing situations polyester curb adaptors can be mounted on existing curbs. As a result, the curb height increases 15 cm, but other heights are also available on request.

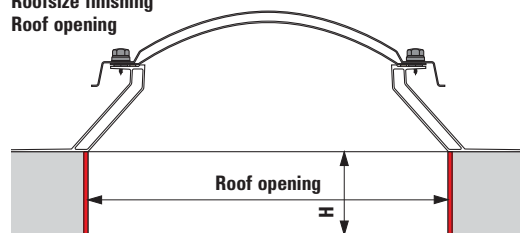
Special for renovation

Existing skydome and curb can be reused and installed in case of renovation. You also can built-in a ventilation system on the existing dome, even expand this to a Smoke and Heat exhaust ventilation system.

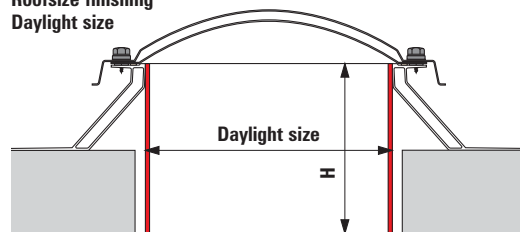
PVC Roofsize finishing

- Material Hard PVC
- Color white (RAL 9010) with bottom flange of 5 cm (paintable).
- Keep the roof opening a few cm larger than the daylight size of the finishing. Keep the inside daylight size of the curb minimal to mentioned sizes.
- Not to be used in ventilation units without adjustment
- Other sizes/heights available on request
- Also available in round forms (see page 17)

Roofsize finishing Roof opening



Roofsize finishing Daylight size

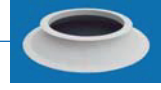




Round skydomes acrylic (AC) and polycarbonate (PC)

 Daylight size D in cm	 Acrylic (AC)					 Polycarbonate (PC)					 ISO-Dome	
	1-S AC	2-S AC/AC	3-S AC/AC/AC	4-S AC/AC/AC/AC	6-S AC/PC/AC	1-S PC	2-S PC/AC	2-S PC/PC	3-S PC/AC/AC	3-S PC/AC/PC	4-S PC/AC/AC/AC	6-S PC/PC/AC
Ø 40	143	186	236	284	317	185	220	278	281	295	341	357
Ø 50	171	236	310	381	417	205	281	316	363	377	441	469
Ø 60	202	269	346	421	465	238	295	346	373	382	447	499
Ø 70	217	325	438	552	590	253	361	434	471	514	583	635
Ø 80	232	391	563	737	759	399	508	593	621	663	851	893
Ø 90	271	451	640	834	865	458	626	698	810	820	992	1058
Ø 100	312	511	716	923	964	508	687	816	853	943	1026	1157
Ø 120	447	726	1027	1326	1303	761	1008	1122	1268	1294	1531	1601
Ø 130	532	805	1092	1382	1384	830	1123	1195	1443	1473	1764	1726
Ø 160	941	1322	1722	2121		1141	1680	2195	2252	2621	2825	
Ø 180	1087	1780	2543	3309		1528	2219	2723	2913	3278	3605	
Ø 200	1534	2599	3775	4952		on request	on request	on request	on request	on request	on request	
Ø 220	on request	on request	on request	on request		on request	on request	on request	on request	on request	on request	
Ø 230	on request	on request	on request	on request								
Ø 250	on request	on request	on request	on request								

Round curbs, curb adaptors, roofsize finishing and ventilation frames

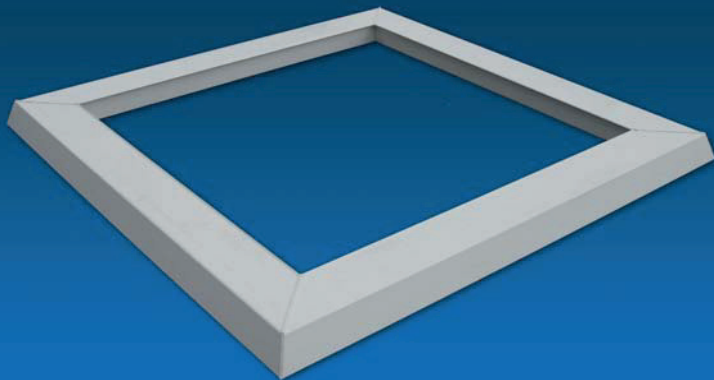
 Daylight size D in cm	Roof opening D + 20 cm	 Polyester								
		E15 (Height 15 cm)			E30 (Height 30 cm)			E50 (Height 50 cm)		
		E15	E15/6 thickness 6 cm	E15/8 thickness 8 cm	E30	E30/6 thickness 6 cm	E30/8 thickness 8 cm	E50	E50/6 thickness 6 cm	E50/8 thickness 8 cm
Ø 40	Ø 60	368	444	463	585	658	674	764	1225	1297
Ø 50	Ø 70	401	504	534	618	752	769	1081	1248	1332
Ø 60	Ø 80	415	559	588	657	842	857	881	1272	1368
Ø 70	Ø 90	481	611	642	764	905	922	1000	1349	1455
Ø 80	Ø 100	504	647	680	793	950	970	1026	1427	1544
Ø 90	Ø 110	559	724	764	1024	1069	1088	1340	1601	1729
Ø 100	Ø 120	618	810	854	985	1185	1210	1304	1775	1915
Ø 120	Ø 140	758	919	970	1200	1352	1378	1704	2030	2197
Ø 130	Ø 150	811	977	1029	1331	1433	1462	1553	2153	2335
Ø 160	Ø 180	909	1198	1262	1465	1758	1792	1894	2639	2852
Ø 180	Ø 200	1056	1367	1435	1687	1974	2013	2280	2993	3231
Ø 200	Ø 220	1262	1512	1590	1968	2190	2236	2608	3321	3581
Ø 230	Ø 250	1564	1744	1832	2424	2528	2578	3450	4038	4335
Ø 250	Ø 270	1968	2038	2155	3029	3141	3191			

 Daylight size D in cm	Roof opening D + 25 cm	 Polyester	
		Curb H15 small flange height 15 cm	
Ø 40	Ø 65	316	
Ø 50	Ø 75	357	
Ø 60	Ø 85	385	
Ø 70	Ø 95	450	
Ø 80	Ø 105	476	
Ø 90	Ø 115	518	
Ø 100	Ø 125	540	
Ø 120	Ø 145	662	
Ø 130	Ø 155	712	
Ø 160	Ø 185		
Ø 180	Ø 205		
Ø 200	Ø 225		
Ø 220	Ø 245		
Ø 230	Ø 255		
Ø 250	Ø 275		

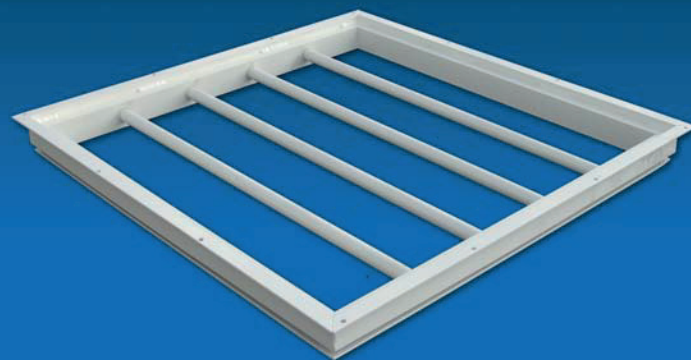
 Daylight size D in cm	 Polyester		
	Curb adaptors height 15 cm		
Ø 40	382	501	715
Ø 50		576	772
Ø 60		649	834
Ø 70	517	709	886
Ø 80		772	1017
Ø 90		854	1134
Ø 100	685	938	1245
Ø 120		1129	1426
Ø 130	823	1217	1612
Ø 160	1013	1509	2004
Ø 180	1220	1844	2451
Ø 200		2044	2721
Ø 220	1426	2143	2967
Ø 230	1560	2248	3087
Ø 250		2354	3327

 Daylight size D in cm	 PVC	
	Roofsize finishing	
	height 60 cm	height 100 cm
Ø 40	501	715
Ø 50	576	772
Ø 60	649	834
Ø 70	709	886
Ø 80	772	1017
Ø 90	854	1134
Ø 100	938	1245
Ø 120	1129	1426
Ø 130	1217	1612
Ø 160	1509	2004
Ø 180	1844	2451
Ø 200	2044	2721
Ø 220	2143	2967
Ø 230	2248	3087
Ø 250	2354	3327

 Daylight size D in cm	 Ventilation frame Polyester	
	solo	tandem
Ø 40	396	
Ø 50		
Ø 60	461	
Ø 70	557	
Ø 80	611	
Ø 90		
Ø 100	715	
Ø 120		
Ø 130		873
Ø 160		1034
Ø 180		1137
Ø 200		1245
Ø 220		
Ø 230		
Ø 250		



PVC ventilation frame



Anti burglar bar / safety grid

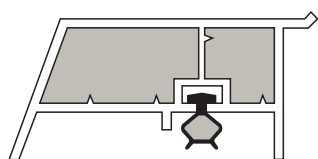


Roof access hatch with ventilation, spindle with pull and release string

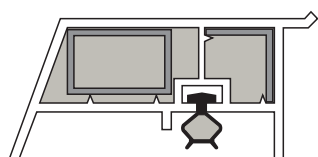


Anti burglar bar / safety grid mounted

Information ventilation frames, anti burglar bars / safety grids



PVC standard



PVC reinforced

PVC ventilation frames

In addition to good insulation, fresh air is necessary for a good living and working climate. Ventilation through the roof is the most efficient way to remove heat from the home in the summer.

To open a Megalux®-skydome you need to install a ventilation frame.

Megalux®-ventilation frames are installed between the skydome and the curb. This will provide a perfect thermal break and watertight closing.

These are automatically reinforced for ventilation purposes and for roof access and smoke and heat extraction systems.

Ventilation can be performed manually using a spindle with crank handle or electrically by means of an electric motor or chain motor.

Anti burglar bars / safety grids (with SKG KOMO attest)

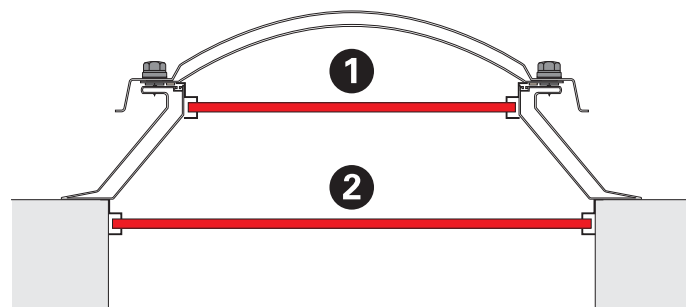
For extra security against falling through and burglary the Megalux®-anti burglar bar / safety grid can be supplied.

The anti burglar bar / safety grid can be mounted in the daylight size or in the roof opening. Megalux®-anti burglar bars / safety grids are SKG certified and thereby qualified to the requirements of Building and Police regulations.

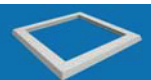
Anti burglar bars / safety grids cannot be used in combination with roof access hatches.

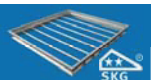
Anti burglar bar / safety grid

- 1) for mounting in the daylight size
- 2) for mounting in the roof opening

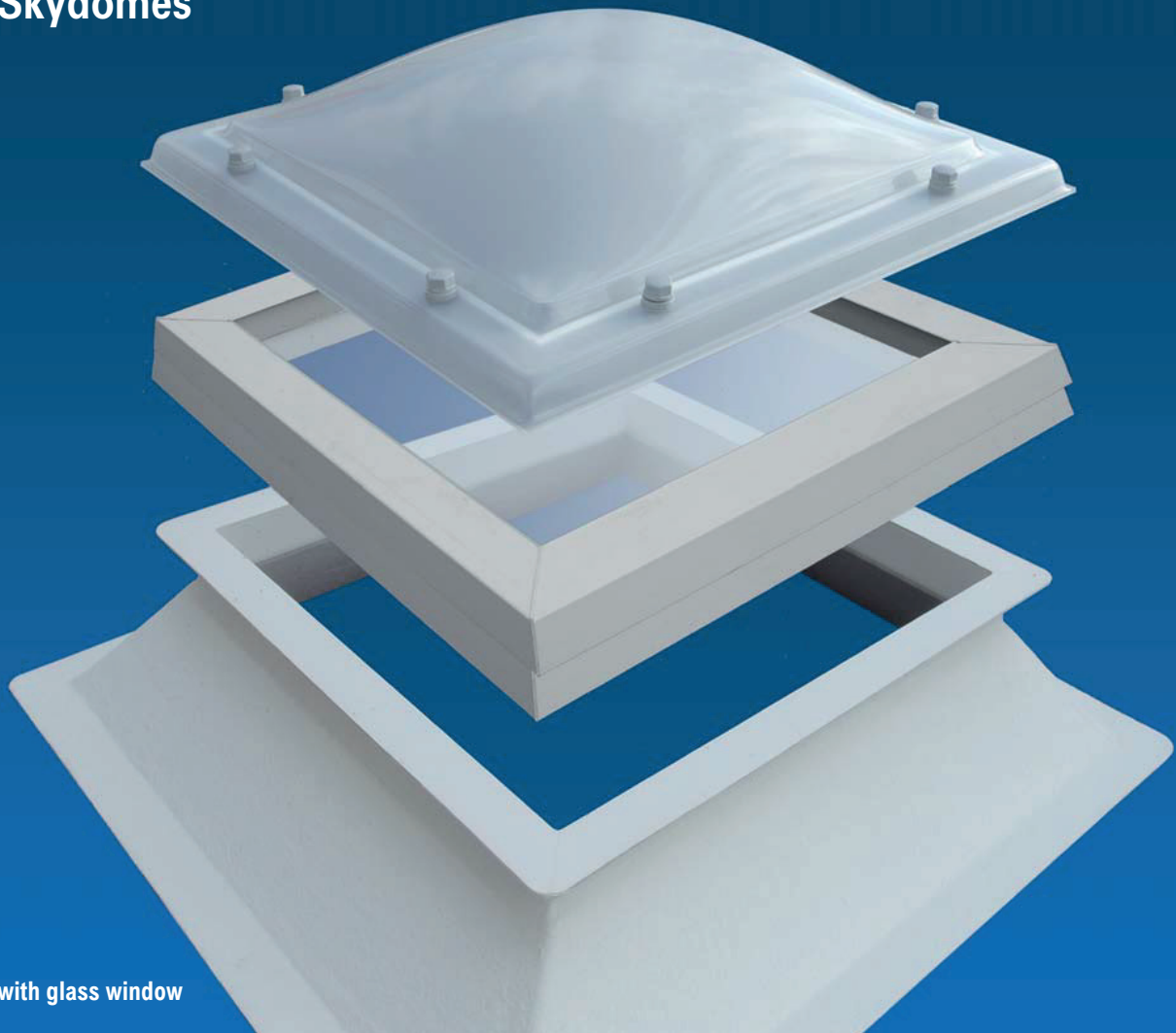


Ventilation frames, anti burglar bars / safety grids

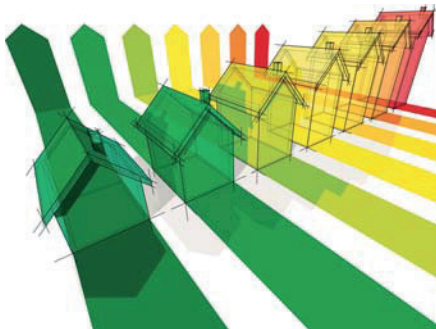
 D Daylight size D in cm	 Ventilation frame PVC	
	solo	tandem
30 x 30		
40 x 40	205	
50 x 50	222	
55 x 55	230	
60 x 60	248	
70 x 70	258	
75 x 75	263	
80 x 80	268	
90 x 90	285	
100 x 100	296	
105 x 105	324	
110 x 110	353	
120 x 120	373	391
130 x 130	386	401
140 x 140		417
150 x 150		429
160 x 160		463
180 x 180		483
200 x 200		534
220 x 220		644
230 x 230		672
250 x 250		735
30 x 80	227	
30 x 130	259	
40 x 70	227	
40 x 100	258	
40 x 190	320	336
50 x 100	263	
50 x 110	268	
60 x 90	241	
60 x 130	287	306
60 x 180	339	356
70 x 100	279	
70 x 130	296	315
75 x 125	296	315
75 x 175	352	370
80 x 130	314	330
80 x 160	373	391
80 x 180	386	403
80 x 220	420	441
80 x 230	429	447
80 x 250		469
80 x 280		483
90 x 120	314	330
90 x 150	357	375
90 x 180	391	408
100 x 130	320	336
100 x 150	352	370
100 x 160	373	391
100 x 190	403	418
100 x 200	408	429
100 x 220		452
100 x 230		460
100 x 250		491
100 x 280		509
105 x 230		478
120 x 150	391	408
120 x 180	417	435
120 x 210		470
130 x 160		435
130 x 190		455
130 x 220		478
130 x 230		483
130 x 250		520
130 x 280		548
160 x 190		483
160 x 220		507
160 x 230		517
160 x 250		548
160 x 280		578
180 x 280		604

 D Daylight size D in cm	 Anti burglar bar / safety grid	
	aluminium	white RAL 9010
30 x 30	396	446
40 x 40	407	450
50 x 50	425	481
55 x 55	436	501
60 x 60	450	516
70 x 70	483	580
75 x 75	501	608
80 x 80	522	647
90 x 90	602	758
100 x 100	639	827
105 x 105	699	909
110 x 110	778	1030
120 x 120	814	1089
130 x 130	916	1234
140 x 140	960	1361
150 x 150	1066	1489
160 x 160	1112	1598
180 x 180	1268	1883
200 x 200	on request	on request
220 x 220	on request	on request
230 x 230	on request	on request
250 x 250	on request	on request
30 x 80	422	483
30 x 130	614	699
40 x 70	450	528
40 x 100	511	600
40 x 190	889	1038
50 x 100	532	641
50 x 110	588	696
60 x 90	537	644
60 x 130	681	830
60 x 180	877	1120
70 x 100	574	711
70 x 130	708	876
75 x 125	711	889
75 x 175	914	1168
80 x 130	727	940
80 x 160	922	1192
80 x 180	936	1211
80 x 220	1084	1418
80 x 230	1142	1501
80 x 250	1217	1618
80 x 280	1349	1769
90 x 120	734	947
90 x 150	826	1101
90 x 180	960	1278
100 x 130	773	1026
100 x 150	848	1136
100 x 160	909	1226
100 x 190	1045	1405
100 x 200	1062	1465
100 x 220	1138	1562
100 x 230	1199	1642
100 x 250	1277	1781
100 x 280	1409	1962
105 x 230	1273	1740
120 x 150	975	1334
120 x 180	1078	1501
120 x 210	1240	1722
130 x 160	1023	1169
130 x 190	1183	1673
130 x 220	1346	1897
130 x 230	1362	1935
130 x 250	1452	2086
130 x 280	1618	2313
160 x 190	1286	1874
160 x 220	1461	2135
160 x 230	1474	2172
160 x 250	1570	
160 x 280	1744	
180 x 280	1919	

Hybrid Skydomes



Plastic dome with glass window



With Megalux®-daylight systems to a better performance

Information skydomes Hybride

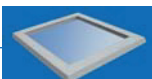
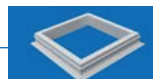
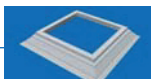
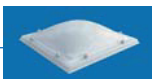
Hybrid daylight systems, smart with daylight!

Energy saving is getting more and more important. Higher standards are required for insulation and ventilation of new buildings. This reflects in the all designs of new projects. Nowadays the U-value standard is 2.2 for buildings and for building elements even a maximum U-value of 1.6.

By cleverly combining the various components from the Megalux®-skydome program, you can even achieve U-values of 0.4. You can achieve this result by combining a super-insulating skydome with extra insulation in the curb and a glass or ISO-PC window. You can also opt for other smart combinations and thus fulfill your own (residential) requirements. You can also make existing skydomes more sustainable during renovation with the extra addition of a glass or ISO PC-window, which is easy to install between the existing dome and curb.

Megalux®-Hybrid skydomes are very maintenance-friendly. On the outside they are self-cleaning like all plastic skydomes from the wide Megalux®-skydomes range. They are largely soundproof, burglar-resistant, fall-proof and have a perfect air and watertightness. A ready-to-use quality product whose colour, shape and the material of the parts are chosen by yourself. Then have it pre-assembled delivered for a perfect finish and quick assembly.

Domes Hybride with curb vertical model and curb sloping model

 D Daylight size D in cm	 Glass-window separately*			 Curb PVC vertical model**		 Curb PVC sloping model**		 Skydome**			
	Fixed version	Ventilation manual*	Ventilation electric*	Roof opening size in cm	R016EP	Roof opening D + 20 cm	BF16EP	1-S PC	2-S PC/AC	3-S PC/AC/AC	4-S PC/AC/AC/AC
40 x 40	404			40 x 40		60 x 60	260	158	210	260	313
60 x 60	433	515	828	60 x 60		80 x 80	312	216	301	388	476
70 x 70	468	547	864	70 x 70		90 x 90	364	256	363	473	584
80 x 80	516	596	912	80 x 80		100 x 100	400	342	466	599	733
90 x 90	575	657	974	90 x 90		110 x 110	425	397	537	724	833
100 x 100	616	874	1369	100 x 100		120 x 120	448	453	594	792	891
120 x 120	789	1045	1540	120 x 120		140 x 140	518	649	863	1110	1313
130 x 130	932	1189	1683	130 x 130		150 x 150	557	740	978	1258	1487
40 x 70	434	516	833	40 x 70		60 x 90	292	198	277	352	431
60 x 90	476	557	874	60 x 90		80 x 110	377	319	414	522	634
60 x 130	611	867	1362	60 x 130		80 x 150	447	410	573	742	909
70 x 100	552	632	948	70 x 100		90 x 120	408	377	487	642	718
80 x 130	677	935	1428	80 x 130		100 x 150	463	506	671	860	1043

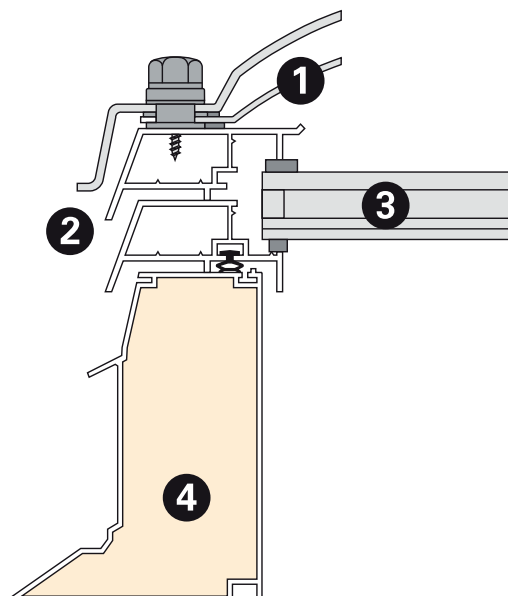
* Skydome and curb not included

** Alternative skydome and curb versions, see price list.

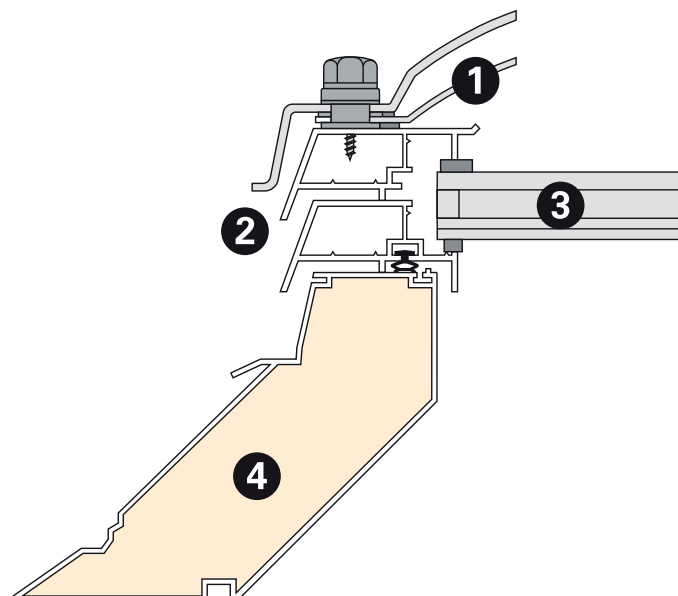
U-Wert (W/m²K)

EN 1873:2014+A1:2016, EN 673, ISO10211

	Curb PVC R016EP	Curb PVC BF16EP	Glass-window+ dome 1-S	Glass-window+ dome 2-S	Glass-window+ dome 3-S	Glass-window+ dome 4-S
Glass-window HR++ , Ug	1,00					
Curb PVC** 16EP, Ur	0,61	0,59				
Glass-window with skydome, Ut			0,95	0,81	0,71	0,63
Glass-window with curb PVC R016EP and skydome, U _{RC} (ref)			0,74	0,69	0,65	0,62
Glass-window with curb PVC BF16EP and skydome, U _{RC} (ref)			0,73	0,68	0,64	0,61



- 1) Skydome
- 2) Dual PVC frame
- 3) Glass window
- 4) Curb PVC R016EP



- 1) Skydome
- 2) Dual PVC frame
- 3) Glass window
- 4) Curb PVC BF16EP



ISO-PC window
and polyester curb



Megalux® ISO-PC window



Daylight size D in cm	Fixed version*
40 x 40	457
50 x 50	485
55 x 55	503
60 x 60	517
70 x 70	548
75 x 75	567
80 x 80	585
90 x 90	672
100 x 100	714
105 x 105	736
110 x 110	781
120 x 120	826
30 x 80	494
30 x 130	583
40 x 70	499
40 x 100	566
40 x 190	737
50 x 100	585
50 x 110	601
60 x 90	591
60 x 130	676
60 x 180	788
70 x 100	628
70 x 130	703
75 x 125	705
75 x 175	820
80 x 130	750
80 x 160	807
80 x 180	843
80 x 220	942
80 x 230	960
80 x 250	1000
80 x 280	1057
90 x 120	735
90 x 150	819
90 x 180	877
100 x 130	798
100 x 150	867
100 x 160	886
100 x 190	951
100 x 200	996
100 x 220	1039
100 x 230	1059
100 x 250	1103
100 x 280	1165
105 x 230	1076
120 x 150	921
120 x 180	989
120 x 210	1082

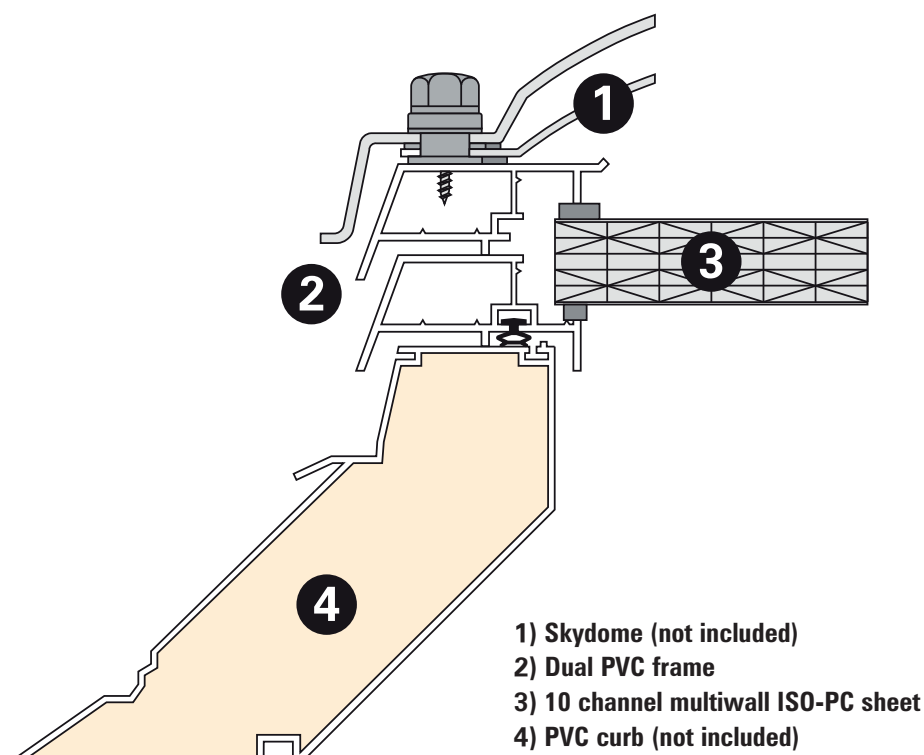
* Skydome and curb not included

Megalux® ISO-PC windows has a very high insulation value comparable to 3-layered glass.

The ISO window is made of a dual PVC window-frame, equipped with a 10 channel multi-wall PC sheet 32 mm thick. Due to its light weight, the most skydome versions are possible.

It is also very suitable to be placed between the existing skydome with a curb. You can directly improve the existing situation spectacularly. Because the actual window size has the same size as the daylight size, you have up to 40% more daylight input than with many other glass brands with the comparable roof opening sizes. Therefore, you can choose a smaller size to achieve the same result.

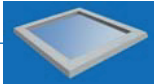
- **Very high insulation value** comparable to triple-glass windows.
- Up to **40% more daylight input** than many other manufactures.
- Many available sizes to choose from.
- Easy to handle due to light weight.
- Easy to assemble on almost all existing brands' upstands.
- For ventilated versions you can use ventilation units prices on page 30.
- Non-transparent, allowing less rapid heating (more energy neutral).
- Always has to be applied only in combination with a dome on top.



Glass window



Megalux® Glass-window

 Glass-window square			
Daylight size D in cm	Fixed version*	Manual operated version*	Electrically operated version*
40 x 40	404		
60 x 60	433	515	828
70 x 70	468	547	864
80 x 80	516	596	912
90 x 90	575	657	974
100 x 100	616	874	1369
120 x 120	789	1045	1540
130 x 130	932	1189	1683
40 x 70	434	516	833
60 x 90	476	557	874
60 x 130	611	867	1362
70 x 100	552	632	948
80 x 130	677	935	1428
			S
			S
			S
			S
			T
			T
			T
			S
			S
			T
			S
			T

 Glass-window round	
Daylight size D in cm	Fixed version*
Ø 40	1063
Ø 50	1154
Ø 60	1241
Ø 70	1350
Ø 80	1455
Ø 100	2028
Ø 130	2935

* Skydome and curb not included

* Hinges are standard mounted at the longest side of the unit by rectangular versions

S = solo. T = tandem.

The **Megalux® Glass-window** has a very high thermal insulation, but above all it has a very high sound insulation. There is little to no noise coming through thanks to the combination of Megalux® Glass-window with a Megalux®-skydome(s).

The window is made of double PVC frame with HR++ double layered insulated glass.

The glass window is also very suitable for placing between the existing skydome and curb. You can therefore immediately improve the existing situation spectacularly.

Because the actual window size is the same as the daylight size, you have up to 40% more daylight input than with many other glass brands with the comparable roof opening sizes. So you can achieve the same result with a smaller variant.

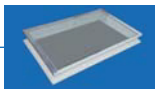
- Very high insulation value.

- Up to **40% more daylight input** than many other manufactures.
- Also very suitable for renovation without major modifications to the roof.
- Easy to assemble on almost all existing brands' curbs.
- Also available in opaque with opal skydome for less rapid warming (Energy neutralizer).
- Electric ventilating systems are equipped with a chain motor.
- Always must to be installed only in combination with a skydome on top.



SMART WITH DAYLIGHT

Megalux® Glass-Unit



Daylight size D in cm	Roof opening size in cm	Polyester E30 height 30 cm	Extra cost adaptor	Extra cost wall connection
40 x 40	40 x 40	1308	128	364
50 x 50	50 x 50	1387	128	364
60 x 60	60 x 60	1627	128	364
70 x 70	70 x 70	1826	128	475
80 x 80	80 x 80	1887	151	475
90 x 90	90 x 90	2227	170	475
100 x 100	100 x 100	2466	191	475
105 x 105	105 x 105	2598	191	475
120 x 120	120 x 120	2958	213	475
130 x 130	130 x 130	3208	236	475
40 x 70	40 x 70	1455	148	475
70 x 100	70 x 100	1985	165	475
80 x 130	80 x 130	2496	191	475
100 x 130	100 x 130	2776	205	475
100 x 160	100 x 160	3140	256	583
100 x 200	100 x 200	3628	268	728

Megalux® Glass-Unit is a completely pre-assembled daylight system unit, consisting of a polyester curb with integrated HR++ glass plate. The curb has a slight slope for sufficient water drainage and is filled with 40 mm PUR insulation.

The whole unit is finished with aluminum frames. With the standard flange the whole unit can be installed quickly and easily on the roof.

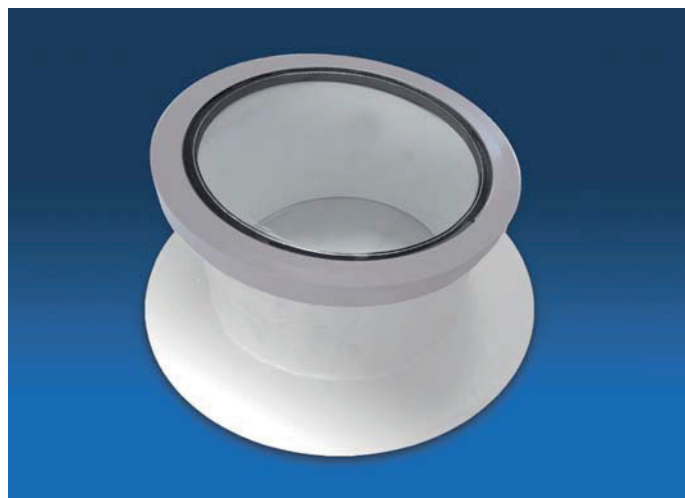
- Fixed version.
- Suitable for roof slopes from 0° to 20°.
- Insulation U-value 1.1, g-value 61%, Lt value 79%.
- Uv pass 0%.
- Polyester curb made in white RAL 9010.
- Also possible on an E50 polyester curb at extra cost.
- Attachment edge for easy mounting on an existing curb (available at extra cost).
- Wall connection for easy mounting against the façade (available at extra cost).
- Self-Cleaning due to the inclined surface.



Adaptor for mounting on existing curb



Daylight size D in cm	Roof opening size in cm	Polyester E30 height 30 cm	Extra cost adaptor
Ø 40	Ø 40	1218	73
Ø 50	Ø 50	1328	92
Ø 60	Ø 60	1437	115
Ø 70	Ø 70	1562	133
Ø 80	Ø 80	1670	154
Ø 100	Ø 100	3409	190
Ø 130	Ø 130	4819	190



Megalux® Glass-Unit round



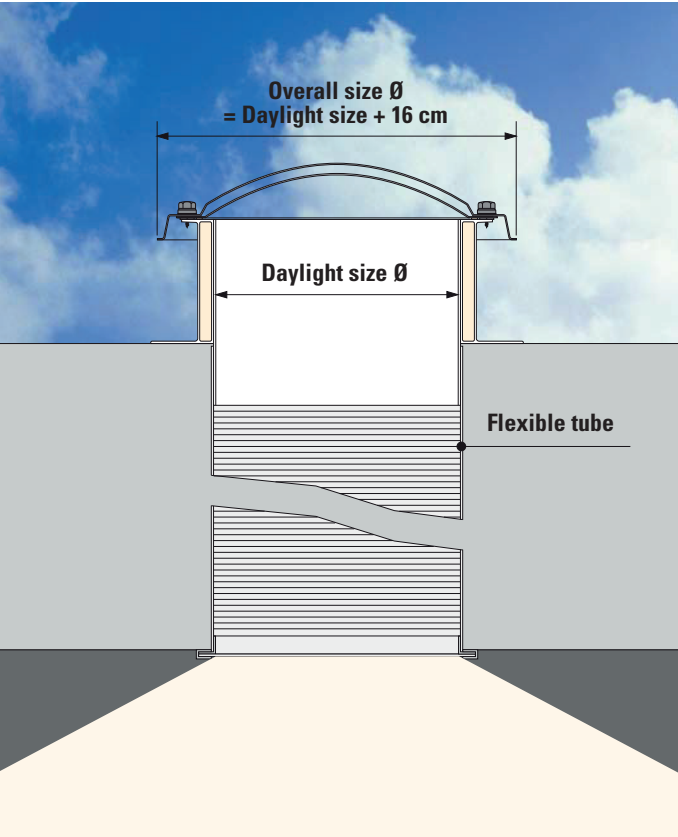
SMART WITH DAYLIGHT

MegatubE

The system consists of an acrylic double skinned skydome (85%), insulated polyester curb and 3 meters of flexible aluminium tube with helical reinforcement and ceiling panel in maximum size for optimum light transmission. Suitable for flat / gently sloping and pitched roofs with a maximum roof package (thickness) of 3 meters. All sizes expandable to 6 meters roof package, by means of an extension set.

The **MegatubE** is always equipped with a light fixture. The light yield is affected by, among other things, the geographic location and atmospheric influences but also by ceiling height and the colour of the room.

Daylight size in cm	Flat roof version	Sloping roof model	Extension set 3 mtr.
Ø 30	614	955	92
Ø 45	699	1047	118
Ø 50	777	1128	161
Ø 60	894	1253	235



With the MegatubE you can create a healthier and more pleasant working and living environment.



Ventilation units, PVC and Polyester



	Daylight size D in cm	Ventilation unit (S = solo T = tandem)			
		PVC SF16		Polyester H15	
		manual	electric	manual	electric
S	40 x 40	479		588	
S	50 x 50	501		646	
S	55 x 55	520			
S	60 x 60	544	981	707	1144
S	70 x 70	590	1027	780	1217
S	75 x 75	604	1041	806	1243
S	80 x 80	614	1051	824	1261
S	90 x 90	655	1092	879	1316
S	100 x 100	677	1114	911	1348
S	105 x 105	722	1159	953	1390
S	110 x 110	755	1192		
T	120 x 120	1098	1761	1379	2042
T	130 x 130	1134	1797	1442	2105
T	140 x 140	1182	1845	1547	2210
T	150 x 150	1219	1882	1605	2268
T	160 x 160	1289	1952	1649	2312
T	180 x 180	1363	2026	1817	2480
T	200 x 200	1485	2148		
T	220 x 220	1658	2321		
T	230 x 230	1707	2370		
T	250 x 250	1820	2483		
S	30 x 80	508	945		
S	30 x 130	605	1042		
S	40 x 70	508	945	663	1100
S	40 x 100	590	1027	780	1217
T	40 x 190	1034	1697		
S	50 x 100	595	1032	806	1243
S	50 x 110	614	1051		
S	60 x 90	573	1010	821	1258
S	60 x 130	662	1099		
T	60 x 180	1068	1731		
S	70 x 100	630	1067	846	1283
S	70 x 130	677	1114	911	1348
S	75 x 125	677	1114	928	1365
T	75 x 175	1095	1758	1368	2031
S	80 x 130	712	1149	969	1406
T	80 x 160	1098	1761		
T	80 x 180	1136	1799	1491	2154
T	80 x 220	1231	1894		
T	80 x 230	1254	1917		
T	80 x 250	1305	1968		
T	80 x 280	1365	2028		
T	90 x 120	1009	1672	1291	1954
T	90 x 150	1082	1745	1394	2057
T	90 x 180	1159	1822	1507	2170
T	100 x 130	1034	1697	1296	1959
T	100 x 150	1095	1758		
T	100 x 160	1124	1787	1432	2095
T	100 x 190	1199	1862		
T	100 x 200	1219	1882	1584	2247
T	100 x 220	1278	1941		
T	100 x 230	1291	1954		
T	100 x 250	1345	2008		
T	100 x 280	1407	2070		
T	105 x 230	1314	1977		
T	120 x 150	1159	1822	1507	2170
T	120 x 180	1225	1888		
T	120 x 210	1301	1964		
T	130 x 160	1216	1879	1590	2253
T	130 x 190	1281	1944		
T	130 x 220	1339	2002		
T	130 x 230	1352	2015		
T	130 x 250	1417	2080		
T	130 x 280	1520	2183		
T	160 x 190	1344	2007		
T	160 x 220	1405	2068		
T	160 x 230	1438	2101		
T	160 x 250	1520	2183		
T	160 x 280	1598	2261		
T	180 x 280	1656	2319		

Megalux® ventilation unit consists of:

- PVC curb SF16 (small flange) or a polyester curb H15
 - PVC ventilation frame
 - Spindle (manual or electric opening mechanism)
- The unit is pre-assembled.

Prices ventilation manual / electric operated

Single telescopic spindle, including brackets a)	95
Double spindle, including brackets a)	376
Motor spindle solo 230 V a)	618
Motor spindle solo 24 V a)	631
Motor spindle tandem 230 V a)	1232
Chain actuator 230 V 300 mm	532
Chain actuator 230 V 300 mm with remote control	647
Chain actuator tandem 230 V 300 mm	1039
Chain actuator tandem 230 V 300 mm with remote control	1200
Switch built-in	99
Switch build-on	120
Crank handle 1.0 meter	55
Crank handle 1.5 meter	55
Crank handle 2.0 meter	55
Crank handle 2.5 meter	71
Crank handle 3.0 meter	71
Crank handle 3.5 meter	71
Crank handle 4.0 meter	71
Telescopic crank handle 1.0 / 1.8 mtrs	67
Telescopic crank handle 1.8 / 3.0 mtrs	80

Prices ventilation through the curb

Xpelair ventilator GX9 b)	1515
Xpelair ventilator GX12 b)	2375
Xpelair electronic operation unit	440
Crossflow ventilator 60-1800 b)	739
Crossflow ventilator 60-2400 b)	1097
Ventilation grill for PVC curb	133
Ventilation grill for polyester curb	554

Prices other

Wind and rain control	1471
Thermostat independently adjustable from 5 °C to 30 °C	240
1-channel remote control transmitter c)	133
15-channel transmitter with LCD display c)	149
1-channel wall transmitter c)	148
15-channel wall transmitter with LCD display c)	164
Remote control receiver 400W IP55	170

Comment:

- a) Prices of these items are included assembly.
b) The ventilators and grill are assembled delivered including ventilator case in the curb
c) With each remote control and/or wall transmitter you need at least 1 receiver.



Ventilation unit with motor spindle



Ventilation unit with chain actuator



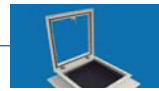
Remote control with and without LCD display

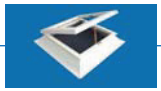


Wind and rain control

Vluchtluikunits

Dakbetredingunits

 Daylight size D in cm	 Escape hatch		 Roof access hatch		
	Curb PVC SF16 PVC frame handle/chain	Curb PVC SF16 PVC frame handle/slide rods	Curb PVC R016 PVC frame handle/slide rods	Curb PVC SF16 PVC frame handle/gas spring	Curb PVC R016 PVC frame handle/gas spring
70 x 70	637	691	793	764	866
75 x 75	651	705	847	778	920
80 x 80	661	715	858	788	931
90 x 90	702	756	889	829	962
100 x 100	724	778	951	851	1024
105 x 105	769	823	1013	896	1086
60 x 90	620	674	801	747	874
70 x 100	677	731	881	804	954
75 x 125	743	797	992	870	1065
75 x 175					1390
80 x 130	775	829	1008	902	1081
80 x 180					1591
90 x 150					1369
90 x 180					1697

 Daylight size D in cm	 Roof access hatch with ventilation			
	Curb PVC SF16 PVC frame spindle/slide rods	Curb PVC R016 PVC frame spindle/slide rods	Curb PVC SF16 PVC frame spindle/gas spring	Curb PVC R016 PVC frame spindle/gas spring
70 x 70	818	920	885	987
75 x 75	832	974	899	1041
80 x 80	842	985	909	1052
90 x 90	883	1016	950	1083
100 x 100	905	1078	972	1145
105 x 105	950	1140	1017	1207
60 x 90	801	928	868	995
70 x 100	858	1008	925	1075
75 x 125	924	1119	991	1186
75 x 175				
80 x 130	956	1135	1023	1202
80 x 180				



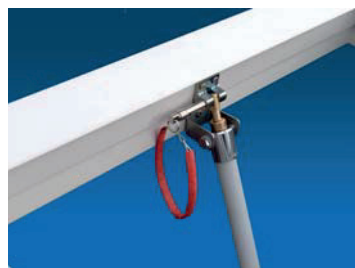
Roof access hatch with electric operation



Roof access hatch, PVC curb, PVC frame, crank handle with slide rods



Escape hatch, PVC curb, PVC frame, crank handle with chains



Roof access hatch with ventilation, spindle with pull and release string

Versions of Escape hatch unit and Roof access hatch unit

- Units are consisting of a curb, a ventilation frame and pre-assembled ironwork. To complete the hatch you need to order a skydome and in case of ventilation option a crank handle.
- For regular use its better to combine them with a polycarbonate (PC) skydome.
- The roof opening size for PVC SF16 curbs is D + 20 cm and for PVC R016 curbs the same as the daylight size.
- Hinges are standard mounted on the longest side of the unit by rectangular versions.

Prices parts roof access/escape hatch

Crank handle with Chains a)	142
Crank handle with Slide Rods a)	196
Crank handle with Gas springs a)	269
Spindle with Chains + Pull string a)	246
Spindle with Slide Rods + Pull string a)	323
Spindle with Gas springs + Pull string a)	390
Double Spindle with Slide Rods + Pull string a)	687
Double Spindle with Gas springs + Pull string a)	756
Crank handle	58
Crank handle with Keylock	142
Slide Rods	148
Gas springs	218
Sealing rubber for Roof access/aluminium frame, per m1	32

Comment:

- a) Prices included assembly when ordered as unit.

 Daylight size D in cm	 Roof access frame aluminium* manual gas springs/crank handle
120 x 120	1530
130 x 130	1658
160 x 160	1777
100 x 130	1577
100 x 160	1636
100 x 200	2019
100 x 220	2079
100 x 250	2132
120 x 150	1682
130 x 160	1863

Roof access hatch, PVC curb, PVC frame with crank handle and gas springs





SHEV system type BG-3



SHEV system type BG-E

Information Smoke and Heat exhaust ventilation systems



Smoke and heat exhaust ventilation systems (SHEV's)

Van Deudekom Plastics BV is an officially certified manufacturer/supplier of pre-assembled SHEV systems.

Megalux® Smoke and Heat exhaust ventilation systems (SHEV's) are equipped with CE marking and tested according to the European standard **EN 12101-2** and **VDA 2159**.

With **Megalux® SHEV systems** (in case of fire) are extracted from the fire compartment of a building so:

- human lives are protected against build up of smoke and heat in the escape areas;
- the building construction is better protected because the temperature stays lower;
- direct fire damage to inventory is less because of slower movement of the fire through the building;
- firefighters can work faster and more accurate.

Of course the use of skydomes brings the advantage of daylight into the building.

Every **Megalux® SHVE system** is delivered as a complete automatic opening system through heat control (**Type BG-1**).

This basic system consists an enhanced PVC frame, with build-in pneumatic opening mechanism.

The basic system can be delivered with options for daily ventilation. Electric with a motor spindle (**Type BG-2**) or pneumatic if air compressor is available with auxiliary cylinder (**Type BG-3** or double stage cylinder **Type BG-3-DH**).

The SHEV's system can also be delivered as a complete electrical system. The pneumatic cylinder is then replaced by a 24V motor spindle (**Type BG-E**). This typ is often used in smaller rooms like staircases and can be used for daily ventilation.

For the staircases we have also complete package with all the peripherals (**Type BG-E-TP**).

All the Megalux® SHEV systems are pre-assembled for easy mounting on the roof.

Smoke and Heat exhaust ventilation systems

Pneumatic SHEV 165° System

Daylight size D in cm	Roof opening size	Ag m ²	Type spoiler	Aw m ² with spoiler	Aw m ² without spoiler	Without ventilation		With ventilation		
						Type*		E-motor Type*	Auxiliary cylinder Type*	Double stage cyl. Type*
80 x 80	100 x 100	1,000	nvt	nvt	0,600	BG-1	C02	BG-2	BG-3	BG-3 DH
100 x 100	120 x 120	1,440	1	0,936	0,864	2092	24gr	2645	2611	2534
105 x 105	125 x 125	1,563	1	1,016	0,938	2261	24gr	2765	2731	2656
130 x 130	150 x 150	2,250	1	1,575	1,283	2354	24gr	2814	2779	2705
160 x 160	180 x 180	3,240	3	2,268	1,782	2484	40gr	2904	2871	2796
180 x 180	200 x 200	4,000	4	2,800	2,200	2598	55gr	3037	3003	2927
200 x 200	220 x 220	4,840	4	3,388	2,662	2598	80gr	3152	3119	3042
80 x 130	100 x 150	1,500	1	0,975	0,900	2174	24gr	6397	6362	6284
80 x 180	100 x 200	2,000	2	1,300	1,200	2174	24gr	2728	2696	2620
80 x 220	100 x 240	2,400	2	1,560	1,440	2260	24gr	2813	2778	2702
80 x 230	100 x 250	2,500	2	1,625	1,500	2330	24gr	2887	2854	2777
100 x 130	120 x 150	1,800	1	1,175	1,080	2350	24gr	2902	2869	2795
100 x 160	120 x 180	2,160	3	1,404	1,188	2226	24gr	2778	2746	2668
100 x 220	120 x 240	2,880	3	1,958	1,584	2284	24gr	2840	2806	2729
100 x 230	120 x 250	3,000	3	2,040	1,650	2332	24gr	2888	2855	2778
105 x 230	125 x 250	3,125	3	2,122	1,719	2348	40gr	2901	2867	2793
130 x 160	150 x 180	2,700	1	1,890	1,539	2357	40gr	2910	2876	2799
130 x 190	150 x 210	3,150	1	2,205	1,764	2354	40gr	2904	2871	2796
130 x 220	150 x 240	3,600	4	2,520	1,980	2425	40gr	2980	2947	2871
130 x 230	150 x 250	3,750	4	2,625	2,062	2501	40gr	3057	3021	2947
130 x 280	150 x 300	4,500	4	2,925	2,340	2526	40gr	3080	3049	2971
160 x 220	180 x 240	4,320	3	3,024	2,376	2634	55gr	3188	3156	3078
160 x 230	180 x 250	4,500	3	3,150	2,475	2604	55gr	3158	3123	3050
160 x 280	180 x 300	5,400	4	3,510	2,754	2634	55gr	3188	3156	3078
180 x 280	200 x 300	6,000	5	3,900	3,000	2685	80gr	3238	3206	3131
						2873	80gr	3428	3393	3317

Surcharge Spoilers (to improve Aw)

164

Surcharge open/close (for remote service)

116

System BG-1 = Reinforced PVC frame + Pneumatic opening mechanism pre-assembled.

System BG-2 = System BG-1 + Electrical ventilation with motor spindle 230V/300 mm opening.

System BG-3 = System BG-1 + Pneumatic ventilation with auxiliary cylinder 300 mm opening.

System BG-3-DH = System BG-1 + Pneumatic ventilation with auxiliary double stage cylinder 300 mm opening.

System BG-E = System BG-1 with 24 Volt motor instead of Pneumatic cylinder.

System BG-E-TP = System BG-E for staircase (control unit 2-1-4A + smoke sensor + 2x alarm button + switch cabling not included).

Electrical SHEV 165° System

Dagmaat D in cm	Daksparring in cm	Ag m ²	Type spoiler	Aw m ² with spoiler	Aw m ² without spoiler	Type motor	Type* BG-E
80 x 80	100 x 100	1,000	nvt	nvt	0,600	24V/2A	2160
100 x 100	120 x 120	1,440	1	0,936	0,864	24V/4A	2277
105 x 105	125 x 125	1,563	1	1,016	0,938	24V/4A	2324
130 x 130	150 x 150	2,250	1	1,575	1,283	24V/4A	2414
160 x 160	180 x 180	3,240	3	2,268	1,782	24V/6A	2621
80 x 130	100 x 150	1,500	1	0,975	0,900	24V/2,6A	2310
80 x 180	100 x 200	2,000	2	1,300	1,200	24V/2,6A	2323
100 x 130	120 x 150	1,800	1	1,175	1,080	24V/4A	2291
100 x 160	120 x 180	2,160	3	1,404	1,188	24V/4A	2350
100 x 220	120 x 240	2,880	3	1,958	1,584	24V/4A	2397
100 x 230	120 x 250	3,000	3	2,040	1,650	24V/4A	2408
105 x 230	125 x 250	3,125	3	2,122	1,719	24V/4A	2420
130 x 160	150 x 180	2,700	1	1,890	1,539	24V/6A	2414
130 x 190	150 x 210	3,150	1	2,205	1,764	24V/6A	2562

Surcharge BG-E to BG-E-TP

(Staircase system)

1714

Surcharge control 24V motor

RWA control station 2-4A

950

RWA control station 5-8A

2293

RWA control station 5-16A Includes

2616

storage Battery for 72 hours emergency current.

Other sizes on demand

Optical smoke sensor

241

Alarm button with entry window

207

Thermo sensor 70 °C

482

Build-on switch

118

Other sizes on demand

* Skydome and curb not include

Rooflights in Acrylic (AC) or Polycarbonate (PC)

Rooflights in combination with ISO-frame or Glass-window

			Ur-value* (W/m²K) EN 1873:2014 + A1:2016			LT-value (%) EN 13468, EN 16153, EN 410			g-value (%) EN 410			Rw-value** (dB) EN ISO 140-3		
			Skydome	Skydome + ISO-frame	Skydome + Glass-window	Skydome	Skydome + ISO-frame	Skydome + Glass-window	Skydome	Skydome + ISO-frame	Skydome + Glass-window	Skydome	Skydome + ISO-frame	Skydome + Glass-window
Acrylic (AC)	1-S Skydome	Clear (C)	5,70	0,86	1,20	92	32	73	85	26	49	21	27	40
	1-S Skydome	Opal (O)	5,70	0,86	1,20	84	29	66	76	23	44	21	27	40
	2-S Skydome	Clear (C/C)	2,94	0,76	0,95	85	30	67	75	23	44	23	29	40
	2-S Skydome	Opal (O/C)	2,94	0,76	0,95	78	27	62	66	20	38	23	29	40
	2-S Skydome	Opal (O/O)	2,94	0,76	0,95	74	26	58	64	19	37	23	29	40
	2-S Skydome	Heatstop	2,94	0,76	0,95	47	16	37	32	10	19	23	29	40
	3-S Skydome	Clear (C/C/C)	1,92	0,69	0,85	78	27	62	67	20	39	25	31	40
	3-S Skydome	Opal (O/C/C)	1,92	0,69	0,85	71	25	56	62	19	36	25	31	40
	4-S Skydome	Clear (C/C/C/C)	1,43	0,63	0,77	72	25	57	59	18	34	26	33	40
	4-S Skydome	Opal (O/C/C/C)	1,43	0,63	0,77	66	23	52	52	16	30	26	33	40
Polycarbonate (PC)	6-S ISO Dome	Opal (C/C/O)	1,36	0,62	0,76	65	23	51	48	14	28	24	32	40
	6-S ISO Dome	Opal (O/C/O)	1,36	0,62	0,76	59	21	47	46	14	27	24	32	40
	1-S Skydome	Clear (C)	5,70	0,86	1,20	90	32	71	82	25	48	21	27	40
	1-S Skydome	Opal (O)	5,70	0,86	1,20	84	29	66	76	23	44	21	27	40
	2-S Skydome	Clear (C/C)	2,94	0,76	0,95	81	28	64	72	22	42	23	29	40
	2-S Skydome	Opal (O/C)	2,94	0,76	0,95	74	26	58	62	19	36	23	29	40
	2-S Skydome	Opal (O/O)	2,94	0,76	0,95	68	24	54	58	17	34	23	29	40
	2-S Skydome	Heatstop	2,94	0,76	0,95	45	16	36	32	10	19	23	29	40
	3-S Skydome	Clear (C/C/C)	1,92	0,69	0,85	73	26	58	65	20	38	25	31	40
	3-S Skydome	Opal (O/C/C)	1,92	0,69	0,85	64	22	51	54	16	31	25	31	40
	4-S Skydome	Clear (C/C/C/C)	1,43	0,63	0,77	66	23	52	57	17	33	26	33	40
	4-S Skydome	Opal (O/C/C/C)	1,43	0,63	0,77	60	21	47	48	14	28	26	33	40
	6-S ISO Dome	Opal (C/C/O)	1,36	0,62	0,76	56	20	44	43	13	25	24	32	40
	6-S ISO Dome	Opal (O/C/O)	1,36	0,62	0,76	52	18	41	41	12	24	24	32	40

* U-value per size / version is available on request

** Frequency curve per size / version is available on request

ISO-frame = 10-wall PC-plate, thickness 32 mm
Glass-frame = Insulating glass HR++

			U-value (W/m²K) EN 1873:2014 + A1:2016	LT-value (%) EN 13468, EN 16153, EN 410	g-value (%) EN 410	Rw-value (dB) EN ISO 140-3
ISO-frame	Opal	(O)	1,14	35	30	25
Glass-frame	Clear	(C)	1,10	79	58	40

Insulation value of curbs, Uup value* (W/m²K)

EN 1873:2014 + A1:2016, EN ISO 10211

PVC curb (separated compartments)

- PVC SF16	(height 160 mm, thick 25 mm)	2,9
- PVC BF16	(height 160 mm, thick 70 mm)	1,9
- PVC RO16	(height 160 mm, thick 70 mm)	1,8
- PVC BF16 EP	(height 160 mm, EPS thick 70 mm)	0,59
- PVC RO16 EP	(height 160 mm, EPS thick 70 mm)	0,61

Polyester curb (GF-UP)

- POL H15	(height 150 mm, PUR thick 10 mm)	2,30
- POL E15	(height 150 mm, PUR thick 20 mm)	1,30
- POL E15/6	(height 150 mm, PUR thick 60 mm)	0,87
- POL E15/8	(height 150 mm, PUR thick 80 mm)	0,83
- POL E30	(height 300 mm, PUR thick 20 mm)	1,10
- POL E30/6	(height 300 mm, PUR thick 60 mm)	0,59
- POL E30/8	(height 300 mm, PUR thick 80 mm)	0,53
- POL E50	(height 500 mm, PUR thick 20 mm)	1,00
- POL E50/6	(height 500 mm, PUR thick 60 mm)	0,48
- POL E50/8	(height 500 mm, PUR thick 80 mm)	0,41

Other technical data and performance of skydomes

	Acrylic (AC)	Polycarbonate (PC)
Resistance to upward load (wind)	UL 1500 - UL 3000	UL 1500 - UL 3000
Resistance to downward load (snow)	DL 1125 - DL 2500	DL 1125 - DL 2500
Reaction to fire (EN 13501-1)	E, s2, d2	B, s1, d0
Small hard body impact (250 g, drop from 1m)	Pass	Pass
Large soft body impact (50 kg bag)	Fail	SB 600 - SB 1200
Durability	ΔA, Cu 1, Ku 1	ΔA, Cu 1, Ku 1
Impact strength in comparison to glass	25x	300x
Bending strength	105 N/mm²	90 N/mm²
E-Modulus (ISO 527)	3300 N/mm²	2400 N/mm²
Form resistance (Vicat) (ISO 306)	102 °C	150 °C

Ug-value = Thermal transmittance of glass (W/m²K)
Ur-value = Thermal transmittance of a rooflight (W/m²K)
Uup-value = Thermal transmittance of the upstand (W/m²K)
LT-value = Light transmission (%)
g-value = Total Solar energy transmittance (%)
Rw-value = Direct airborne sound insulation (dB)

* U-value per size / version is available on request



Prices, guarantee, quality and conditions

Prices

- Gross prices Van Deudekom Plastics BV: as of September 1st, 2026.
- Prices are in €, excl. VAT.
- Other sizes and variations are available on request

Guarantee

Megalux[®]-skydomes, curbs and ventilation systems come with a 10-year warranty when installed in accordance with manufacturer's instructions. A full warranty statement is available upon request.

Quality

Megalux[®]-skydomes are developed, produced and delivered according to ISO-9001.

Conditions

Delivery is according to the general sales conditions as registered by the Chamber of Commerce in Amsterdam by number 3480.

Price list: edition September 1, 2026.
Subject to amendments.



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