

For **WATERPROOFED ROOFS OR EXISTING UPSTANDS**

# SKYDÔME® SC

CE  
EN 1873 + A1: 2016

(SANS COSTIERE)



**VERSION**



## Filling

### ORIGIN' RANGE:

- PMMA double dome



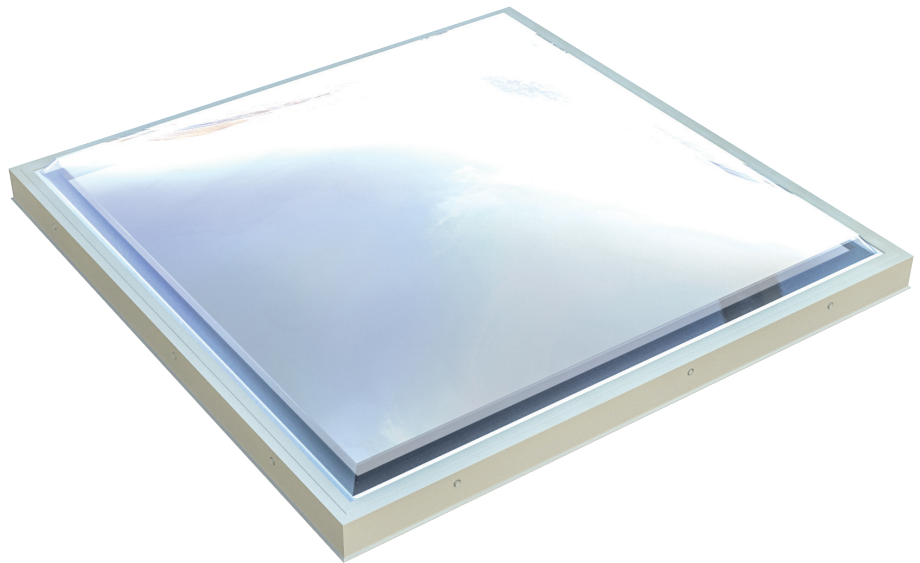
## Upstand

- Galvanised steel Z-upstand
- Width 73 mm

### ORIGIN' RANGE:

- External dimensions of arch profile frame: opening + 163 mm

The SKYDÔME® SC is a skylight intended for installation on an existing product or parapet on all types of buildings (including public facilities, work premises and industrial buildings).



## OPTIONS



### Types of filling

- PCA filling possible (not subjected to 1200 J test)
- Solid PC double dome, depending on dimensions



### Upstand

- Z-upstand width on request for fitting to existing substrate



### Other information

- Pyramid-shaped double dome:  
1 transparent dome, 1 coloured dome

## Dimensions

Opening dimensions Interior Ø (cm)	Overall heel dimensions C x D (cm)	Height H* (cm)	Light surface (m <sup>2</sup> )	Weight (kg) with aluminium frame + dome
50 x 50	65 x 65	15	0.25	9.8
85 x 85	100 x 100	22	0.73	15.2
100 x 100	115 x 115	23	1.00	17.6
120 x 120	135 x 135	26	1.44	21.6
140 x 140	155 x 155	29	1.96	33.1
150 x 150	165 x 165	31	2.25	34.8
160 x 160	175 x 175	32	2.56	38.7
180 x 180	195 x 195	35	3.24	45.8
200 x 200	215 x 215	40	4.00	53.2
70 x 100	85 x 115	19	0.70	20
100 x 140	115 x 155	23	1.50	22.4
100 x 200	115 x 215	23	2.00	31.8
140 x 200	155 x 215	23	2.80	41.8

Contact us for other dimensions.  
\* For an upstand height of 310 mm

## Filling performance

Other filling and filling options: see "Filling" data sheet.

Type of filling	Thermal transmittance factor Ug (W/ m <sup>2</sup> .K)	LT D65 <sup>(2)</sup>	SF or g <sup>(2)</sup>	Reaction to fire	R <sub>w</sub> (dB) <sup>(3)</sup>	
	U <sub>hor</sub> <sup>(1)</sup>					
Domes	Transparent PMMA single dome	5.3	92%	ND	ND	
	Opal PMMA single dome	5.3	83%	ND	ND	
	Transparent solid PC single dome	6.38	91%	92%	B-s1-d0	ND
	Opal solid PC single dome	5.3	84%	86%	B-s1-d0	ND
	Transparent PMMA double dome Transparent upper dome + transparent lower dome	2.89	84%	ND	ND	ND
	Opal PMMA double dome Opal upper dome + transparent lower dome	2.8	78%	ND	ND	ND
	Solid PC double dome Opal solid PC upper dome + transparent lower dome	2.89	66%	ND	B-s1-d0	ND
	Double dome Opal PMMA upper dome + transparent solid PC lower dome	2.8	ND	ND	ND	ND
PCA	Opal 4-wall PCA 10	2.9	68%	65%	B-s1-d0	R <sub>w</sub> =19 dB

For information: PC = Polycarbonate, PMMA = Poly methyl methacrylate.

<sup>(1)</sup> Relative to the horizontal, as per §2.31 of the Th-Bat regulations.

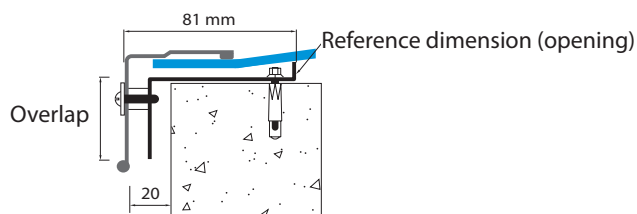
<sup>(2)</sup> Light transmittance LT D65 and solar transmittance SF (TST or g) as per EN 410.

<sup>(3)</sup> Filling insulated against airborne noise R<sub>w</sub>, pink noise R<sub>p</sub> (environment, airport and industrial activities) and road noise R<sub>A,Tp</sub>, laboratory-measured according to NF EN ISO 140.

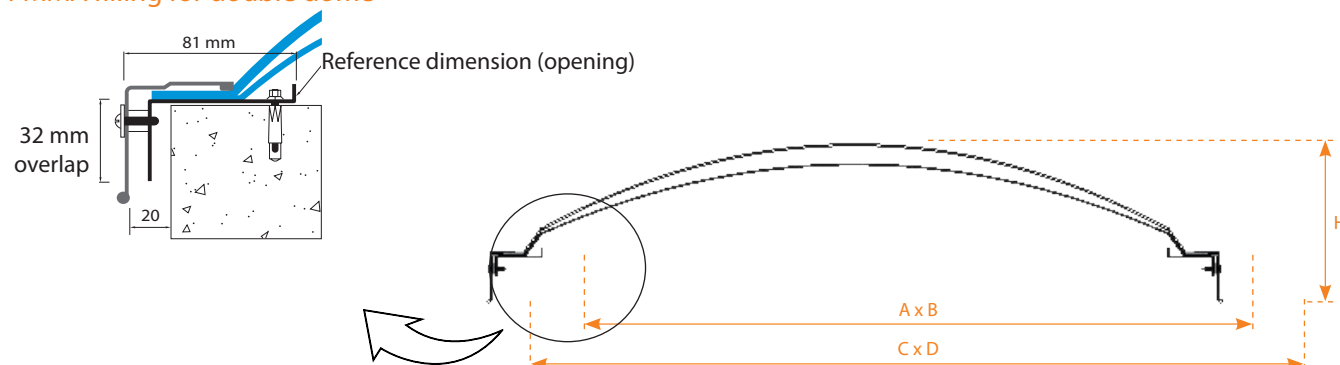
## Technical diagrams

### ORIGIN' range SKYDÔME SC

#### PCA filling



#### PMMA filling for double dome



### SKYDÔME® SC (UPSTANDLESS) FOR RENOVATION AND COMPLIANCE WORKS

The SKYDÔME® SC is designed to fit any type of upstand, enabling the filling in an existing product to be replaced. for compliance reasons or to change the original function **while retaining the existing upstand.**

#### COMPLIANCE & INSTALLATION

Compliant with EU standard **NF EN 1873**.

The product must be fastened and sealed in accordance with the requirements defined in the applicable DTU specifications (series 40 and 43).

Maximum insulation height: as per the DTUs, the sealing flashing must extend to a height of at least 150 mm.

The waterproofing complex (substrate, vapour barrier, insulation and two-layer sealant) must be no thicker than 140 mm for an interior upstand height of 310 mm, or 240 mm for an interior upstand height of 410 mm.

Maximum permissible slope: 25° or 46% (see installation instructions).

The security bar or protection grid option is recommended for products with PMMA filling.

**DoP available at [www.skydome.eu](http://www.skydome.eu)**

---

**SKYDÔME**

Entre Deux Villes  
02270 Sons-Et-Ronchères, France  
Tel: +33 (0)3 23 21 79 90  
Email: [info@skydome.eu](mailto:info@skydome.eu)  
[www.skydome.eu](http://www.skydome.eu)

For the product range in other countries, please contact your local representative or visit [www.skydome.eu](http://www.skydome.eu).

SKYDÔME reserves the right to modify product specifications without notice. The information and technical details contained in this documentation are provided in good faith and apply to the uses described. The recommendations for use must be checked to ensure they are appropriate and comply with the actual requirements, the specifications and all applicable legislation and regulations.

For other applications and conditions of use, please contact our technical team. Their advice must be sought concerning uses of our products that are not described specifically herein.

Click this link to check that you are seeing the most up-to-date and accurate information about our products:  
[https://www.skydome.eu/fr/produit/6\\_skydome-sc-sans-costiere.html](https://www.skydome.eu/fr/produit/6_skydome-sc-sans-costiere.html)