

SKYDÔME vous propose un large choix



info@skydome.eu www.skydome.eu

de remplissages.

STRUCTURED POLYCARBONATE



| | Type de glazing | Heat transfer coefficient Ug (W/ m².K) | TL D65 [©] | FS ou g ⁽²⁾ | Reaction to fire | R _w R _A =R _w +C R _{A,tr} =R _w +C _{tr} (dB) ⁽³⁾ | Lia (dB) ⁽⁴⁾ |
|--------------------|---|--|------------------------|---------------------------|------------------|--|----------------------------|
| | Transparent - 4 wall PCA 10 | 2,9 | 68% | 65% | B-s1-d0 | Rw = 19 dB | ND |
| | Opal - 4 wall PCA 10 | 2,9 | 61% | 61% | B-s1-d0 | Rw = 19 dB | ND |
| PCA10 | Opal IR – 4 wall PCA 10 | 2,7 | 47% | 51% | B-s1-d0 | Rw = 17 dB | ND |
| PC | Pca10 - 4 parois gris | 2,5 | 0% | 0,9 | B-s1-d0 | Rw = 17 dB | ND |
| | Pca10 with transparent aerogel TM lumira | ND | ND | ND | ND | ND | ND |
| | Pca10 with opal Lumira ™ Aerogel | ND | ND | ND | ND | ND | ND |
| | Transparent multi-wall PCA 16 | 1.9 | 55% | 53% | B-s1-d0 | Rw = 21 dB | ND |
| | Opal multi-wall PCA 16 | 1.9 | 45% | 46% | B-s1-d0 | Rw = 21 dB | ND |
| | Opal confort multi-wall PCA 16 | 2 | 50% | PND | B-s1-d0 | ND | ND |
| PCA 16 | Aluminium grey multi-wall PCA 16 | 2 | 0% | 55% | B-s2-d0 | ND | ND |
| | Opal IR control multi-wall PCA 16 | 2 | 42% | 43% | B-s2-d0 | ND | ND |
| | PCA 16 with transparent Lumira ™ Aerogel | 1,5 | 67% | 67% | B-s1-d0 | ND | ND |
| | PCA 16 with opal Lumira TM Aerogel | 1,5 | 57% | 56% | B-s1-d0 | ND | ND |
| ١20 | Transparent multi-wall PCA 20 | 1.6 | 64% | 51% | B-s1-d0 | Rw = 21 dB | ND |
| PCA | Opal multi-wall PCA 20 | 1.6 | 54% | 47% | B-s2-d0 | Rw = 21 dB | ND |
| | Opal multi-wall PCA 32 (2 sheets of transparent PCA 16) | 1,17 | 37% | 38% | ND | ND | ND |
| PCA 32 | Transparent - 7 wall PCA 32 | 1,3 | 33% | 49% | B-s2-d0 | ND | ND |
| PCA | Aluminium grey multi-wall PCA 32 | 1,45 | 0% | ND | B-s2-d0 | ND | ND |
| | Pca32 aérogel lumiraTM 50% – Transparent multi-wall | 0,97 | 43% | 45% | PND | ND | ND |
| ш | Transparent PCA 32 & solid PC single dome | 0,8 | ND | ND | ND | ND | ND |
| PCA + DÔME | Opal PCA 32 a solid PC single dome | 0,8 | ND | ND | ND | ND | ND |
| ď | Transparent PCA 32* & solid PC single dome | ND | ND | ND | ND | ND | ND |
| ACOUSTIK' LIGHT | Transparent PC 10 & transparent PCP 6 | 2,1 | ND | ND | ND | Rw = 27 dB | ND |

1 SKYDÔME° www.skydome.eu

MAIN ADVANTAGES OF LUMIRA™ AEROGEL



• Unmatched thermal insulation

Ug = 0.8 W/m2K for a 32 mm wall

Diffuse light

LUMIRA™ aerobel by SKYDÔME® absorbs external light and redistributes uniform light inside without direct radiation, reducing glare, areas of directional light and cast shadows.

Excellent light transmision

Minimal heat transmission

LUMIRATM aerogel by SKYDÔME® provides maximum thermal protection by reducing heat loss and improving the solar factor. The thermal efficiency of buildings achieved with Lumira aerogel by SKYDÔME® is 4,5 times higher than that of buildings using standard window products.

Moisture resistant

LumiraTM aerogel by SKYDÔME® is hydrophobic, water-repellent and resistant to moisture and the development of mould inside the cells.

UV resistant

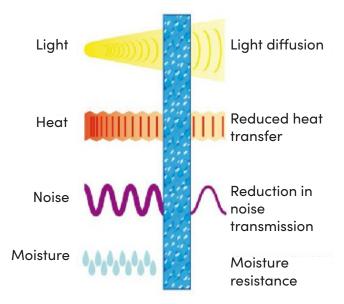
It's particles do not yellow or lose their light transmission and thermal properties due to ageing.

Energy savings generated

By improving light diffusion and reducing heat loss, LumiraTM aerogel by SKYDÔME® limits the need to use artificial light, heating, ventilation and air conditioning.

Integration into all architectural projects

It can be used on all types of construction and buildings, both for roofs ans facades, allowing aesthetics and functionality to be combined in the building and giving a certain degree of architectural freedom in design.





What is Lumira™Aerogel ?

LUMIRATM Aerogel par SKYDÔME® is a new material combining a high light transmittance value with excellent insulation and energy performance porperties. Incorporated in the SKYDÔME® arches, skylights, cladding and glass roofs, LUMIRATM technology boosts the thermal and acoustic properties of skylights, minimises heat loss, diffuses uniform light and reduce the solar factor.

www.skydome.eu SKYDÔME° | 2

DOMES



| | Type of glazing | Heat transfer coefficient Ug (W/m².K) U _{hor} (1) | TL D65 ⁽²⁾ | FS ou g ⁽²⁾ | Reaction to fire | $\begin{array}{c} R_{_{A}} = R_{_{w}} + C \\ R_{_{A,tr}} = R_{_{w}} + C_{_{tr}} \\ (dB)^{(3)} \end{array}$ | Lia (dB) ⁽⁴⁾ |
|------|--|---|--------------------------|---------------------------|------------------|--|----------------------------|
| | Transparent PMMA single dome | 6.38 | 91% | 92% | B-s1-d0 | ND | ND |
| | Simple dôme PMMA opale | 6.38 | 91% | 92% | B-s1-d0 | ND | ND |
| | Transparent PMMA double dome | 6.38 | 91% | 92% | B-s1-d0 | ND | ND |
| | Opal solid PC single dome | 6.38 | 91% | 92% | B-s1-d0 | ND | ND |
| DÔME | Transparent PMMA double dome (Transp. upper dome + trans. lower dome) | 2.89 | 84% | ND | D-s3-d2 | ND | ND |
| Βŷ | Opal PMMA double dome (Opal upper dome + trans. lower dome) | 2.89 | 84% | ND | D-s3-d2 | ND | ND |
| | Solid PC double dome (Opal PMMA PC upper dome + trans. solid PC lower dome) | 2.89 | 66% | ND | B-s1-d0 | ND | ND |
| | Double dôme (Opal PMMA upper dome + trans. solid PC lower dome) | 2.89 | ND | ND | D-S3-d2 | ND | ND |
| | Opal PMMA triple dome (Opal PMMA upper dome + transp. PMMA int. dome + trans. PMMA lower dome) | 2.76 | ND | ND | D-s3-d2 | ND | ND |
| | Opal solid PC triple dome (Opal PMMA PC upper dome + trans. solid PC int. dome + trans. solid PC lower dome) | 2.76 | ND | ND | B-s1-d0 | ND | ND |

Choice of colours (by request)



3 **| SKYDÔME**® www.skydome.eu

According to \$2.31 of the Th-Bat rules.
 Regular light transmittance TL D65 and total solar transmittance factor FS (TST or g) according to EN 410.
 Glazing insulation to airborne noise R_a, pink noise RA (neighbourhood, airport and industrial activities), and road noise RA, Tr measured in the laboratory according to NF EN ISO 140.
 The system's noise reduction indexes R and sound intensy levels LIA generated by rain measured in the laboratory according to NF EN ISO 140.

CHOICE OF DOMES



Dropped edge dome

Dropped edge pyramid dome

Dropped edge circular dome







Flat edge dome



Flat edge pyramid dome



| Dimensions | Opal PMMA triple dome | | PMMA e dome | | ent PMMA dome | Opal doub | ole dome | | solid PC e dome | pyramic | PMMA I double me | Opal circular dome |
|------------|--------------------------|---------------|------------------|---------------|------------------|--------------|------------------|---------------|--------------------|---------------|------------------------|-----------------------|
| (cm) | Flat edges | Flat edges | Dropped edges | Flat edges | Dropped edges | Flat edges | Dropped edges | Flat edges | Dropped edges | Flat edges | Dropped edges | Drpped edges |
| 40 x 40 | | | √ | | | | √ | √ | √ | | | |
| 50 x 50 | ✓ | ✓ | ✓ | √ | | ✓ | √ | ✓ | ✓ | √ | ✓ | |
| 60 x 60 | | ✓ | ✓ | | | ✓ | √ | ✓ | ✓ | | | |
| 72 x 72 | | ✓ | ✓ | | | ✓ | √ | ✓ | ✓ | | | |
| 75 x 75 | ✓ | | ✓ | | | | √ | | ✓ | ✓ | ✓ | |
| 80 x 80 | ✓ | ✓ | √ | | | ✓ | √ | √ | √ | \checkmark | | \checkmark |
| 85 x 85 | ✓ | ✓ | ✓ | √ | | ✓ | √ | ✓ | ✓ | ✓ | ✓ | √ |
| 90 x 90 | ✓ | ✓ | ✓ | | | ✓ | √ | ✓ | ✓ | √ | | |
| 100 x 100 | ✓ | ✓ | ✓ | ✓ | | ✓ | √ | ✓ | ✓ | √ | ✓ | √ |
| 110 x 110 | ✓ | ✓ | √ | | | ✓ | √ | √ | √ | √ | √ | |
| 115 x 115 | | | √ | | | | √ | | ✓ | | | |
| 120 x 120 | ✓ | ✓ | √ | √ | | ✓ | √ | √ | ✓ | √ | √ | \checkmark |
| 130 x 130 | ✓ | ✓ | √ | | | ✓ | √ | ✓ | ✓ | √ | √ | |
| 140 x 140 | ✓ | ✓ | √ | √ | | ✓ | √ | √ | √ | \checkmark | √ | \checkmark |
| 150 x 150 | ✓ | ✓ | √ | √ | | | | | | √ | | |
| 160 x 160 | ✓ | ✓ | ✓ | √ | | | | | | √ | | √ |
| 180 x 180 | ✓ | ✓ | ✓ | ✓ | | | | | | ✓ | ✓ | √ |
| 200 x 200 | ✓ | ✓ | | ✓ | | | | | | ✓ | | |
| 50 x 100 | | ✓ | ✓ | | | ✓ | ✓ | ✓ | ✓ | | | |
| 70 x 100 | ✓ | ✓ | ✓ | | | ✓ | \checkmark | ✓ | ✓ | \checkmark | | |
| 100 x 140 | ✓ | ✓ | ✓ | ✓ | | ✓ | ✓ | ✓ | ✓ | √ | | |
| 100 x 150 | ✓ | ✓ | \checkmark | ✓ | | ✓ | \checkmark | \checkmark | ✓ | \checkmark | | |
| 100 x 200 | ✓ | ✓ | | ✓ | | | | | | ✓ | | |
| 120 x 150 | | ✓ | \checkmark | | | ✓ | \checkmark | \checkmark | \checkmark | | | |
| 120 x 160 | | ✓ | ✓ | | | \checkmark | \checkmark | √ | ✓ | | | |
| 120 x 180 | | ✓ | | | | ✓ | | ✓ | | | | |
| 120 x 200 | ✓ | ✓ | | | | | | | | | | |
| 120 x 240 | | ✓ | | | | | | | | | | |
| 140 x 200 | ✓ | | | | | | | | | | | |

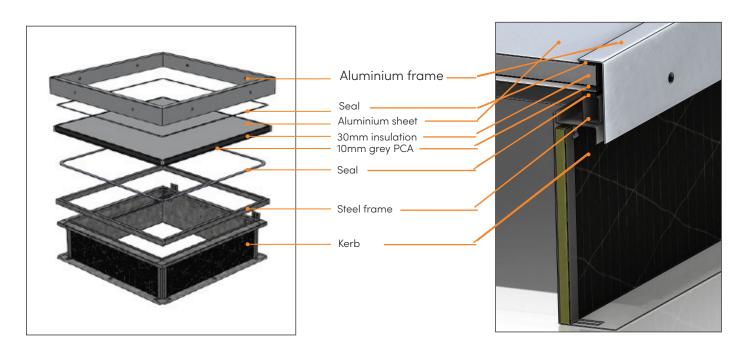
✓ : Available

www.skydome.eu SKYDÔME® | 4



| | Type of glazing | Heat transfer coefficient Ug (W/m².K) U _{hor} (1) | TL D65 [©] | FS ou g ^② | Reaction to fire | R _w R _A =R _w +C R _{A,tr} =R _w +C _{tr} (dB) ⁽³⁾ | Lia (dB) ⁽⁴⁾ |
|-------|-----------------------|---|------------------------|-------------------------|------------------|--|----------------------------|
| Cover | 40 mm aluminium cover | 0.85 | 0% | ND | ND | ND | ND |

Components of the 40 mm aluminium cover



The 40 mm aluminium cover is composed of:

- an aluminium frame
- a seal between the frame and the glazing
- assembled glazing composed of:
 - an aluminium sheet
 - 30 mm insulation
 - a sheet of 10 mm grey structured polycarbonate
- a seal between the glazing and the frame

The total thickness is 40 mm ± 5%.

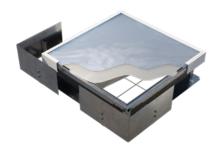
The aluminium cover adapts to the devices in our thermal insulation range: contact us

5 SKYDÔME® www.skydome.eu

⁽a) According to §2.31 of the Th-Bat rules.
(b) Regular light transmittance TL D65 and total solar transmittance factor FS (TST or g) according to EN 410.
(b) Glazing insulation to airborne noise R_a, pink noise RA (neighbourhood, airport and industrial activities), and road noise RA, Tr measured in the laboratory according to NF EN ISO 140.
(c) The system's noise reduction indexes R and sound intensy levels LIA generated by rain measured in the laboratory according to NF EN ISO 140.

Hail-resistant complex





Our complex is made up of a solid 3mm polycarbonate infill that is directly impacted, and an annexed honeycomb polycarbonate infill of between 10 and 32 mm on the underside. The two polycarbonate infills are joined by a special SKYDÔME reinforced structure to resist hail.

There are 5 classes of Hail Resistance (HR); hail resistance is determined by the diameter of the projectile.

| RG | | Diameter | Wei | ght | Speed | Energ | y class |
|-----|-----------|----------|----------|----------|-------|----------|----------|
| K | G | [mm] | [g] min. | [g] max. | [m/s] | [J] min. | [J] max. |
| RG1 | Very low | 10 | 0.43 | 0.51 | 13.77 | 0.04 | 0.09 |
| RG2 | Low | 20 | 3.46 | 4.04 | 19.48 | 0.69 | 1 |
| RG3 | Medium | 30 | 11.68 | 13.65 | 23.85 | 3.5 | 4.4 |
| RG4 | High | 40 | 27.7 | 32.35 | 27.54 | 11.1 | 13.2 |
| RG5 | Very high | 50 | 54.09 | 63.18 | 30.79 | 27 | 31.5 |

Polycarbonate sheets are tested for 'Waterproofing', 'Translucency' and 'Appearance'.

| Functioning of the component | Hail resistance class |
|------------------------------|-----------------------|
| Waterproofing | RG5 |
| Translucency | RG5 |
| Aspect | RG4 |

www.skydome.eu SKYDÔME® | 6

SUN SCREEN



The sun screen is an innovative system made of perforated aluminium, combined with the cellular polycarbonate (PCA) glazing of Skydôme skylights. Positioned on the outside of the glazing, it provides effective solar protection for controlled natural lighting (light transmission factor 16% compared with 34% for the PCA infill).

It can also be fitted to ARCADE vaults and translucent covers for rooflights and smoke vents (see the dimensional availability tables for each range on page 3): in this case, it is factory-fitted and requires no additional work on site. Made from extruded aluminium or lacquered by us, it is impervious to corrosion.



Our solar protection solution complies perfectly with Thermal Regulations:

- Our solution avoids the discomforts of glare and overheating.
- The sunlight transmitted through the outlet is greatly reduced by the sun screen screen.
- The energy transmission factor is 16%. (Test carried out at the Centre Scientifique et Technique du Bâtiment (CSTB) in compliance with standard NF 13363);

SOLAR TRANSMISSION AND REFLECTION OF THE PCA WALL + BRISE SOLEIL SCREEN

| Energy transmission factor | Light transmission factor |
|----------------------------|---------------------------|
| 0.16 | 0.16 |

- Temperature measurements on the inside wall showed a 4°C reduction in the heating of the polycarbonate in the presence of the Brise Soleil screen.

| | Inside wall temperature |
|-------------------------|-------------------------|
| Without screen Sunshade | 36°C |
| With touch screen | 32°C |

7 | SKYDÔME° www.skydome.eu



It reduces energy consumption for cooling production by reducing the heat input to the roof (air-conditioned building).

- It is an asset for buildings wishing to adopt the High Environmental Quality (HEQ®) approach.
- It is perfectly discreet and blends in with the geometry of the skylights.
- It does not catch the wind and does not cause noise through vibration or whistling.
- It does not retain leaves or plant waste.

| | Energy transmission | Light transmission | | | | | |
|-------------------------|--|--------------------|--|--|--|--|--|
| SOLAR TRANSMISS | ON AND REFLECTION OF THE PCA W | ALL + SUN SCREEN | | | | | |
| Reference illuminance | 482W/m2 | 68600lux | | | | | |
| Transmitted illuminance | 78W/m2 | 10800lux | | | | | |
| Transmission factor | 0.16 | 0.16 | | | | | |
| Reference illuminance | 577W/m2 | | | | | | |
| Reflected illuminance | 132W/m2 | · | | | | | |
| Reflection factor | 0.23 | · | | | | | |
| SOLAR TRAN | NSMISSION AND REFLECTION OF THE PCA WALL | | | | | | |
| Reference illuminance | 495W/m2 | 71300lux | | | | | |
| Transmitted illuminance | 172W/m2 | 24100lux | | | | | |
| Transmission factor | 0.35 | 0.34 | | | | | |
| Reference illuminance | 577W | · | | | | | |
| Reflected illuminance | 97W/m2 | · | | | | | |
| Reflection factor | 0.17 | 0 | | | | | |

www.skydome.eu



SUNSHADE AVAILABILITY ACCORDING TO DIMENSIONS AND POLYCARBONATE INFILLS

> Pyrodôme Évolution Pneumatique and Rooflam Évolution Pneumatique

| | | Origin | range | | | | Thermik | ange | | | |
|-------|--------|---------------------|----------|-----------|---------------------|----------|----------------------|----------|----------------|----------|-----------------|
| Width | Length | Sun screen in PCA10 | | Sun scree | Sun screen in PCA16 | | Sun screen in PCA16+ | | reen in A32 | | reen in \32+ |
| mm | mm | SL250 | SL500 | SL250 | SL500 | SL250 | SL500 | SL250 | SL500 | SL250 | SL500 |
| 1000 | 1000 | √ | ✓ | √ | √ | √ | √ | √ | √ | √ | √ |
| 1000 | 1500 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | X | X |
| 1000 | 2000 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | X | × |
| 1100 | 1100 | ✓ | ✓ | ✓ | √ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 1200 | 1200 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | √ | ✓ | ✓ |
| 1200 | 2000 | ✓ | ✓ | × | X | X | X | × | X | × | × |
| 1200 | 2500 | ✓ | ✓ | X | X | × | X | X | X | X | X |
| 1300 | 1300 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 1400 | 1400 | ✓ | ✓ | √ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 1400 | 2000 | ✓ | ✓ | X | X | X | X | X | X | X | × |
| 1500 | 1500 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 1600 | 1600 | ✓ | ✓ | ✓ | √ | ✓ | ✓ | √ | ✓ | √ | √ |
| 1800 | 1800 | √ | × | X | X | X | X | × | X | X | X |
| 2000 | 1950 | / | X | × | × | × | × | X | × | × | X |

9 | SKYDÔME® www.skydome.eu



Pyrodôme Évolution Treuil et Rooflam Évolution Treuil

| | Length | Origin | range | | | | Thermik r | ange | | | |
|-------|--------|---------------------|----------|---------------------|----------|----------------------|-----------|------------------------|----------|-------------------------|----------|
| Width | | Sun screen in PCA10 | | Sun screen in PCA16 | | Sun screen in PCA16+ | | Sun screen in PCA32 | | Sun screen in PCA32+ | |
| mm | mm | SL250 | SL500 | SL250 | SL500 | SL250 | SL500 | SL250 | SL500 | SL250 | SL500 |
| 1000 | 1000 | √ | √ | √ | √ | √ | √ | √ | √ | √ | √ |
| 1000 | 1500 | ✓ | × | ✓ | X | ✓ | X | ✓ | × | × | X |
| 1000 | 2000 | ✓ | X | ✓ | X | ✓ | X | ✓ | X | X | X |
| 1100 | 1100 | √ | X | √ | X | ✓ | X | ✓ | X | ✓ | X |
| 1200 | 1200 | ✓ | X | ✓ | X | ✓ | X | ✓ | X | ✓ | X |
| 1200 | 2000 | ✓ | X | ✓ | X | ✓ | X | ✓ | × | ✓ | X |
| 1200 | 2500 | X | X | X | X | × | X | × | X | X | X |
| 1300 | 1300 | ✓ | X | ✓ | X | ✓ | X | ✓ | X | ✓ | X |
| 1400 | 1400 | ✓ | X | ✓ | X | ✓ | X | √ | X | √ | X |
| 1400 | 2000 | √ | X | ✓ | X | ✓ | X | √ | X | \checkmark | X |
| 1500 | 1500 | ✓ | × | ✓ | X | ✓ | X | √ | × | × | X |
| 1600 | 1600 | √ | × | × | × | X | X | × | × | × | X |
| 1800 | 1800 | √ | X | X | X | X | X | X | X | X | X |
| 2000 | 1950 | ✓ | X | × | × | X | × | X | X | × | X |

Pyrotop

| | | Origin | range | | Thermik range | | | | | | | | | |
|----------|--------|---------------------|-------|---------------------|---------------|----------------------|-------|---------------------|-------|-------------------------|-------|--|--|--|
| Width Le | Length | Sun screen in PCA10 | | Sun screen in PCA16 | | Sun screen in PCA16+ | | Sun screen in PCA32 | | Sun screen in PCA32+ | | | | |
| mm | mm | SL250 | SL500 | SL250 | SL500 | SL250 | SL500 | SL250 | SL500 | SL250 | SL500 | | | |
| 1000 | 1000 | √ | X | √ | X | √ | X | √ | X | ✓ | X | | | |

Pyropass

| Width | Length | Origin range | | Thermik range | | | | | | | | |
|-------|--------|------------------------|----------|---------------------|----------|----------------------|--------------|------------------------|--------------|-------------------------|--------------|--|
| | | Sun screen in PCA10 | | Sun screen in PCA16 | | Sun screen in PCA16+ | | Sun screen in PCA32 | | Sun screen in PCA32+ | | |
| mm | mm | SL250 | SL500 | SL250 | SL500 | SL250 | SL500 | SL250 | SL500 | SL250 | SL500 | |
| 1000 | 1000 | ✓ | ✓ | ✓ | ✓ | √ | √ | √ | √ | √ | √ | |
| 1200 | 1200 | ✓ | ✓ | ✓ | ✓ | ✓ | \checkmark | \checkmark | \checkmark | \checkmark | \checkmark | |



Pyromax

| Width | Length | Origin range | | Thermik range | | | | | | | | |
|-------|--------|------------------------|--------------|---------------------|--------------|----------------------|--------------|------------------------|--------------|-------------------------|--------------|--|
| | | Sun screen in PCA10 | | Sun screen in PCA16 | | Sun screen in PCA16+ | | Sun screen in PCA32 | | Sun screen in PCA32+ | | |
| mm | mm | SL250 | SL500 | SL250 | SL500 | SL250 | SL500 | SL250 | SL500 | SL250 | SL500 | |
| 1200 | 2000 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | |
| 1200 | 2500 | \checkmark | \checkmark | √ | \checkmark | \checkmark | \checkmark | \checkmark | \checkmark | \checkmark | \checkmark | |
| 1200 | 3000 | √ | √ | ✓ | √ | ✓ | √ | √ | \checkmark | √ | ✓ | |
| 1400 | 2000 | ✓ | √ | ✓ | ✓ | ✓ | √ | ✓ | √ | √ | √ | |
| 1400 | 2500 | ✓ | ✓ | ✓ | ✓ | ✓ | √ | ✓ | ✓ | √ | √ | |
| 1400 | 3000 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | |
| 1500 | 2000 | ✓ | ✓ | ✓ | ✓ | ✓ | √ | ✓ | √ | ✓ | ✓ | |
| 1500 | 2500 | ✓ | √ | √ | ✓ | ✓ | √ | ✓ | ✓ | ✓ | ✓ | |
| 1500 | 3000 | ✓ | ✓ | ✓ | ✓ | ✓ | √ | ✓ | √ | ✓ | ✓ | |
| 1600 | 2000 | ✓ | ✓ | √ | √ | ✓ | √ | ✓ | √ | ✓ | √ | |
| 1600 | 2500 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | |
| 1600 | 3000 | √ | √ | √ | √ | ✓ | √ | √ | √ | \checkmark | \checkmark | |
| 1800 | 2000 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | |
| 1800 | 2500 | √ | √ | √ | √ | ✓ | √ | ✓ | ✓ | ✓ | ✓ | |
| 1800 | 3000 | ✓ | ✓ | ✓ | ✓ | ✓ | √ | ✓ | ✓ | ✓ | ✓ | |
| 2000 | 2000 | ✓ | √ | √ | √ | ✓ | √ | ✓ | √ | √ | ✓ | |
| 2000 | 2500 | ✓ | ✓ | ✓ | ✓ | ✓ | √ | ✓ | √ | ✓ | ✓ | |
| 2000 | 3000 | ✓ | √ | √ | ✓ | √ | √ | ✓ | ✓ | ✓ | ✓ | |
| 2200 | 2000 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | |
| 2200 | 2500 | ✓ | ✓ | √ | ✓ | √ | √ | √ | ✓ | ✓ | ✓ | |
| 2200 | 3000 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | √ | ✓ | |

The Sun screen infill is available in all the dimensions and polycarbonate infills of our comfort ranges (SKYCLAIR, AIRDÔME, PASSADÔME, ROOFDÔME, ROOFAERATION).

11 | SKYDÔME® www.skydome.eu

10MM OPAQUE BLACK AND WHITE POLYCARBONATE



100% opaque sheet for all applications requiring blackout and heat reduction.









PCA with a white side always facing upwards (outside the building) and a black side facing downwards (inside the building).

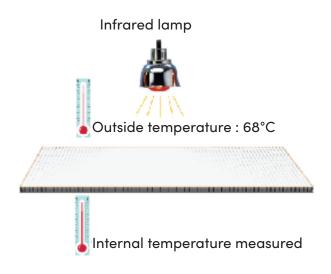
Visual product
Inside black / outside reflective white

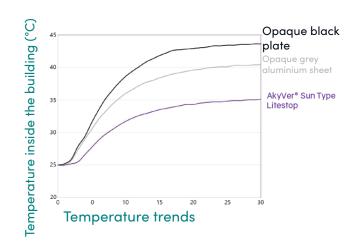




The white side reflects the sun's rays and absorbs less heat than a conventional opaque sheet. The black side makes the PCA opaque.

LABORATORY TEST









SKYDÔME

Entre Deux Villes 02270 Sons-et-Ronchères T: 03 23 21 79 90 M: info@skydome.eu www.skydome.eu

For the product range in other countries, please contact your local representative or visit 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

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:

