

ESSMANN® *classic* PC - st Skylight Dome



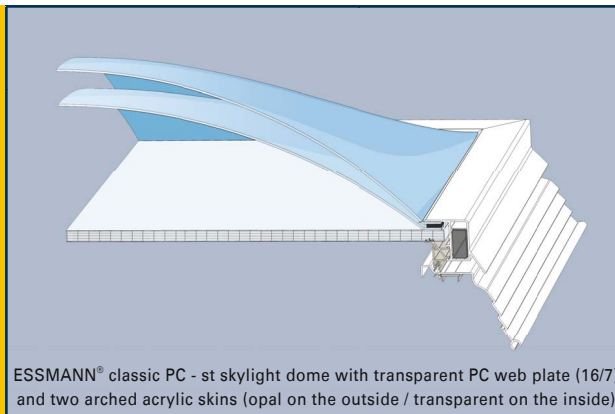
Available in three versions

- Transparent PC web plate (16/7) and one arched acrylic skin (opal)
- Transparent PC web plate (16/7) and two arched acrylic skins (opal on the outside / transparent on the inside)
- ESSMANN AeroTech plate with two arched acrylic skins (transparent)



Product Description

ESSMANN® classic PC - st Skylight Dome



ESSMANN® classic PC - st skylight dome with transparent PC web plate (16/7) and two arched acrylic skins (opal on the outside / transparent on the inside)



ESSMANN® classic PC - st skylight dome with AeroTech plate and two arched acrylic skins (transparent)

The **ESSMANN classic PC - st skylight dome** enhances the range of ESSMANN skylight dome products for applications with stringent heat insulation requirements. This skylight dome already meets the requirements of the future.

A transparent flat polycarbonate plate is integrated into the kerb frame of the ESSMANN classic PC - st (PC = polycarbonate / st = sheet top) skylight dome, together with one or two arched acrylic skins.

The following three versions are available:

1. Transparent PC web plate (16/7) and one arched acrylic skin (opal)
2. Transparent PC web plate (16/7) and two arched acrylic skins (opal on the outside / transparent on the inside)
3. ESSMANN AeroTech plate with two arched acrylic skins (transparent)

All three versions are available in the standard sizes and offer **out-standing U_g values and excellent light transmission.**

The ESSMANN AeroTech plate produces extremely pleasant light diffusion while at the same time optimising the U values without noticeably impairing the incidence of natural daylight.

Further information can be found at **www.essmann-aerotech.de**

Your benefits at a glance:

- Excellent heat insulation (U_g -value)
- The outside cover skin reduces the noise level of rain inside
- Available in all standard sizes, customised sizes are available for renovation projects
- Can be used for providing daylight illumination, for ventilation purposes and for smoke and heat extraction

Version	SD PC - st 16/7 and 1 acrylic skin	SD PC - st 16/7 and 2 acrylic skins	SD PC - st 16/3 AeroTech and 2 acrylic skins
U_g-value	1.4 W/(m ² K)*	1.1 W/(m ² K)*	0.9 W/(m ² K)*
Light transmission	52%	44%	54%
g value	55%	46%	45%
Soundproofing quality	22 dB**	≥ 22 dB**	≥ 22 dB**

* calculated by Fraunhofer Institute for horizontal installation

** without proof acc. to DIN 1873



Further information can be found at www.essmann.de



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