

ESSMANN *classic* PC - st skylight dome

Specification Text

Texts for requests for quotation

ESSMANN classic PC - st skylight dome, SD _____ / _____

for optimum light diffusion and heat insulation.

With PC16/7 transparent glazing and one arched acrylic skin, opal,

for reducing rain noise

indoors and facilitating

the self-cleaning effect.

Tested according to DIN EN 1873 and complete with kerb frame that meets the requirements of DIN 18234.

U value U_g :	1.4 W/(m ² K) (horizontal installation)
Light transmission T_{vis} :	52% according to DIN EN 410
Total energy transmission value g:	55% according to DIN EN 410
Soundproofing quality R_w :	22dB according to DIN EN 1873
Fire behaviour:	E according to DIN EN 13501

U value of the quoted skylight dome according to calculations performed by Fraunhofer Institute for Building Physics and documented in test report P7-200/2010.

ESSMANN or similar quality
(deviations must be indicated in the technical description)

ESSMANN classic PC - st skylight dome, SD _____ / _____

for optimum light diffusion and heat insulation.

With PC16/7 transparent glazing and two arched acrylic skins, opal/transparent

for reducing rain noise

indoors and facilitating

the self-cleaning effect.

Tested according to DIN EN 1873 and complete with kerb frame that meets the requirements of DIN 18234.

U value U_g :	1.1 W/(m ² K) (horizontal installation)
Light transmission T_{vis} :	44% according to DIN EN 410
Total energy transmission value g:	46% according to DIN EN 410
Soundproofing quality R_w :	min. 22dB according to DIN EN 1873
Fire behaviour:	E according to DIN EN 13501

U value of the quoted skylight dome according to calculations performed by Fraunhofer Institute for Building Physics and documented in test report P7-200/2010.

ESSMANN or similar quality
(deviations must be indicated in the technical description)

ESSMANN *classic* PC - st skylight dome

Specification Text

ESSMANN classic PC - st skylight dome, SD _____ / _____

for optimum light diffusion and heat insulation.

With PC16/6 transparent glazing and one arched acrylic skin, opal, for reducing rain noise indoors and facilitating the self-cleaning effect.

Tested according to DIN EN 1873 and complete with kerb frame that meets the requirements of DIN 18234.

Fire behaviour: B1

U value U_g :	1.4 W/(m ² K) (horizontal installation)
Light transmission T_{vis} :	42% according to DIN EN 410
Total energy transmission value g:	49% according to DIN EN 410
Soundproofing quality R_w :	22dB according to DIN EN 1873
Fire behaviour:	B1 according to DIN 4102.

U value of the quoted skylight dome according to calculations performed by Fraunhofer Institute for Building Physics and documented in test report P7-200/2010.

ESSMANN or similar quality
(deviations must be indicated in the technical description)

ESSMANN classic PC - st skylight dome, SD _____ / _____

for optimum light diffusion and heat insulation.

With PC16/6 transparent glazing and two arched acrylic skins, opal/transparent for reducing rain noise indoors and facilitating the self-cleaning effect.

Tested according to DIN EN 1873 and complete with kerb frame that meets the requirements of DIN 18234.

Fire behaviour: B1

U value U_g :	1.1 W/(m ² K) (horizontal installation)
Light transmission T_{vis} :	37% according to DIN EN 410
Total energy transmission value g:	41% according to DIN EN 410
Soundproofing quality R_w :	min. 22dB according to DIN EN 1873
Fire behaviour:	B1 according to DIN 4102.

U value of the quoted skylight dome according to calculations performed by Fraunhofer Institute for Building Physics and documented in test report P7-200/2010.

ESSMANN or similar quality
(deviations must be indicated in the technical description)

ESSMANN *classic* PC - st skylight dome

Specification Text

ESSMANN AeroTech classic PC - st skylight dome, SD _____ / _____
with optimal light diffusion and excellent heat insulation.

With AeroTech glazing and two arched acrylic skins, transparent/transparent for reducing rain noise indoors and facilitating the self-cleaning effect.

Tested according to DIN EN 1873 and complete with kerb frame that meets the requirements of DIN 18234.

U value U_g :	0.9 W/(m ² K) (horizontal installation)
Lambda Aerogel:	0.019 W/(mK) (heat conductivity)
Light transmission T_{vis} :	54% according to DIN EN 410
Total energy transmission value g:	45% according to DIN EN 410
Soundproofing quality R_w :	min. 22dB according to DIN EN 1873
Fire behaviour:	E according to DIN EN 13501

U value of the quoted skylight dome according to calculations performed by Fraunhofer Institute for Building Physics and documented in test report P7-200/2010.

ESSMANN or similar quality
(deviations must be indicated in the technical description)