

PYRAN® S

Technical Data Sheet

Special borosilicate glass:

PYRAN® S, fire resistance classes E 30 to 120, EW 30 to 60

Other versions:

PYRAN® white, highest transmission, fire resistance class E 30

ISO PYRAN® S, insulating glass, fire resistance classes E 30 to 120

PYRAN® G, curved glass, fire resistance class E 30

PYRAN® S

Thickness	5 mm	6 mm	8 mm	10 mm	12 mm
Fire resistance class	E 30–60	E 30–120	E 30–120	E 30–120	E 30–120
Weight	11.4 kg/m ²	13.7 kg/m ²	18.2 kg/m ²	22.8 kg/m ²	27.4 kg/m ²
Light transmission	92 %	92 %	92 %	91 %	91 %
Ug value	5.8 W/m ² K	5.8 W/m ² K	5.8 W/m ² K	5.8 W/m ² K	5.8 W/m ² K
Sound insulation value	30 dB	31 dB	32 dB	33 dB	34 dB
Impact rating (according to EN12600)	1C2	1C1	1C1	1C1	1C1

Maximum glass dimensions of PYRAN® depends on the system that has been approved. This information can be found in the testing certificates and approvals.

Fire resistance classes (acc. DIN EN 13501)

- E** Physical barrier
- EI** Physical barrier against flames, hot gases and smoke, as well as thermal isolation
- EW** Physical barrier against flames, hot gases and smoke and reduces heat radiation

The number following the letter combination shows the minimum duration of resistance in minutes. In other words, E 60 refers to a barrier to fire for a period of at least 60 minutes.