



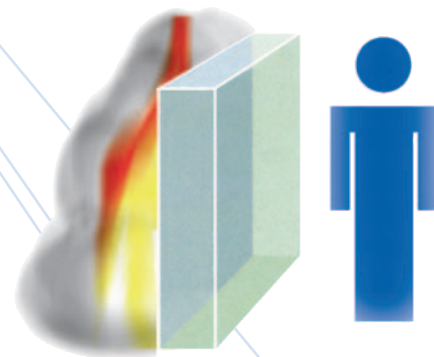
SCHOTT ISO-PYRAN® S - EW

General description

Fire Resistant Glazing offering integrity with reduced heat radiation (EW) provide a physical barrier against flame, hot gases and smoke as well as a reduced thermal radiation of values $< 15\text{ kW/m}^2$.

SCHOTT ISO-PYRAN® S - EW is based on a fire resistant double glazed unit construction, consisting of a toughened, monolithic PYRAN® S glass, which is coated by a lowE-coating and a sodalime float glass.

The SCHOTT ISO-PYRAN® - EW system has been successfully tested in steel constructions, offering integrity and reduced thermal radiation for up to 60 minutes.



Construction description

- Double glazed unit: PYRAN® S, lowE-coated/spacer/sodalime float glass
- Freedom of design and multifunctionality
- Safety glass properties
- Frame material: hollow steel profil
- Classification EW 60 by EN 13501-2
- Reduced thermal radiation $< 15\text{ kW/m}^2$ at 1 m

Application fields

Because of its outstanding fire resistant properties and mechanical resistance SCHOTT ISO-PYRAN® S - EW is suitable for a wide range of applications such as:

- schools
- office buildings

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SCHOTT ISO-PYRAN® S - EW

Construction type



1. sodalime float glass, thickness: 4 mm
2. spacer, thickness: 8 mm
3. SCHOTT PYRAN® S, thickness: 5 mm, coated with lowE-coating

Technical details

Description	SCHOTT ISO-PYRAN® S - EW
Frame material	Steel profile
Classification	EW 60 (EN 13501-2)
Construction type	LowE-coated PYRAN® S, spacer, sodalime float glass
Thickness	Appr. 17 mm
Max. width of glass	2640 mm
Max. height of glass	1800 mm
Max. glass area	3,99 m²
Approval	2004-CVB-R0417 (EN 1364-1)

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