SCHOTT PYRAN® 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 kW/m².

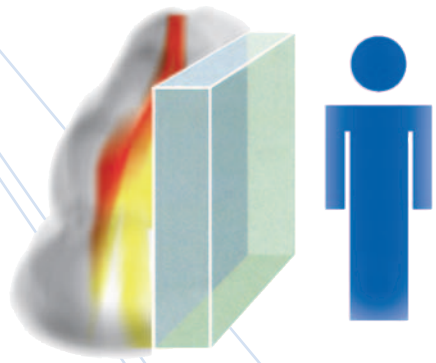
SCHOTT PYRAN® EW is based on a fire resistant laminated glazing construction, consisting of a monolithic PYRAN® white glass, which is coated by a lowE-coating and a sodalime float glass. The SCHOTT PYRAN® EW system has been successfully tested in steel constructions, offering integrity and reduced thermal radiation for up to 60 minutes.

Our competence is your safety

SCHOTT is an international technology driven company whose core product is specialist glass. SCHOTT JENAer GLAS GmbH in Germany is certified to ISO 9001. Both the product and the production process are supervised by internal quality control systems and by external authorities.

Samples of the product are regularly tested by the authorities within the scope of building regulations. All panes carry a permanent mark which contains a company stamp and the type and thickness of glass.

SCHOTT and its partners have developed approved systems, which can be adapted to specific building designs. Each approved system is supported by large scale testing by official test authorities.



Construction description

- Laminated glass compound: PYRAN® white, lowE-coated/foil-interlayer/ sodalime float glass
- Outstanding transmission properties due to optical quality of PYRAN® white
- Extremely low weight
- Frame material: Forster presto
- Classification EW 60 by EN 13501-2
- Reduced thermal radiation < 15 kW/m² at 1 m

Application fields

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

- schools
- office buildings
- sports stadia
- hospitals
- administration and exhibition areas

as well as all other places with stringent safety requirements.

SCHOTT
glass made of ideas

SCHOTT PYRAN® EW

Construction type

1. 2. 3.

1. SCHOTT PYRAN® white, thickness: 5 mm, coated with lowE-coating
2. foil interlayer, thickness: 1.52 mm
3. sodalime float glass, thickness: 4 mm

Technical details

Description	*SCHOTT PYRAN® EW*	*SCHOTT PYRAN® EW*
Frame material	*Steel profile, Forster presto*	*Steel profile, Forster presto*
Classification	*EW 30 (EN 13501-2)*	*EW 60 (EN 13501-2)*
Construction type	*LowE-coated PYRAN® white, laminated with sodalime float glass*	*LowE-coated PYRAN® white, laminated with sodalime float glass*
Thickness	*Appr. 10 mm*	*Appr. 10 mm*
Max. width of glass	*1620 mm*	*1350 mm*
Max. heigth of glass	*2760 mm*	*2300 mm*
Max. glass area	*3.76 m²*	*2.80 m²*
Approval	*2004-CVB-R0416 (EN 1364-1)*	*2004-CVB-R0416 (EN 1364-1)*

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