

SCHOTT PYRANOVA

Damages may occur at glasses, which have been transported, stored and installed, which don't come under guarantee. For this reason please follow carefully the advices :

Transport and Storage

SCHOTT PYRANOVA has to be transported and stored always stacked in vertically upright position.

The transport of the glass panes may only be done with special glass transport equipment such as racks or crates. To displace the crates by crane or fork lift please pay attention, that the crates are always situated in a vertical upright position in relation to their base and any twisting stress is avoided.

Glass panes must not move, sway or shift during transport.

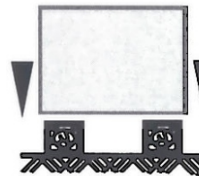
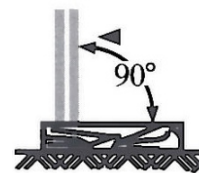
By transport of different sized glass panes it has to be secured, that the edges can't rub on the glass surface. If necessary spacer have to be used.

SCHOTT PYRANOVA - panes have to be stored always stacked in vertically upright position on a suitable, level surface or racks. Please use supports such as wood strips. Any supports must not damage the glass, the glass edge or the border. They have to be arranged rectangular to the glass surface and assure the support of the total thickness of the glass pane.

SCHOTT PYRANOVA must not be pulled or pushed over the floor or set down on an edge.

SCHOTT PYRANOVA has to be stored in dry, aerated rooms, protected against atmospheric conditions or at the building site covered with appropriate awnings. The glass sheets must not be exposed to direct solar radiation or other heat sources. By storage in the blazing sun or near heat sources with or without packaging you have to assume the risk of flaws and reactions of the fire resistance interlayer respectively. SCHOTT PYRANOVA - panes have to be protected against humidity, atmospheric conditions have to be avoided.

The glass panes have to be separated by interlayers, which don't suck humidity.



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Installation

By installing SCHOTT PYRANOVA - panes please note the corresponding guidelines of the glazier trade.

Every delivered SCHOTT PYRANOVA - pane has to be checked for damages on receipt and before start of the installation. Damaged panes must not be processed and glazed respectively. The aluminium tape protecting the edges must never be detached, as it protects the fire resistant interlayer for extraneous causes. SCHOTT PYRANOVA - panes with damaged or modified aluminium tape must not be installed.



The installation of fire resistant glazing has to be carried out in integrated approved systems according to standards and approvals and in compliance with generally accepted and established technical rules. Before and by installation the corresponding guidelines for glazing and setting blocks has to be respected.

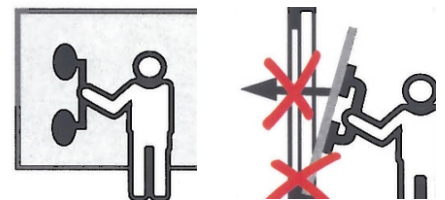
Processing, cutting or grinding of the panes is inadmissible. Grinding and welding in the glazing area demand an effective protection of the glass surface against welding beads, flying firebrands ect. The processing may only be performed by skilled certified specialists.



SCHOTT PYRANOVA - panes have to be framed at all borders. Glazing beads, sealing profiles and glazing tapes must not bear unacceptable high pressure to the glass edges. The pressure is too high, if the components may only be installed under difficulties and have no play.

For installation and handling of SCHOTT PYRANOVA - panes commercially available sucker may be used.

After installing the panes the crease area has to be sealed immediately to protect against intruding rain and cleaning water. Again, the crease area of interior glazing, which connect to areas with high humidity (for example swimming pools) has to be kept dry. Most important is, that sealings to warm, humid sides are sufficient proof and that there are valves to the dry, cool side to adjust steam pressure.



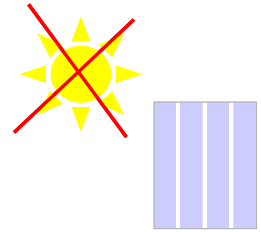
SCHOTT PYRANOVA has to be installed in dry, aereated rooms, which are protected against atmospheric exposure. The panes must not be exposed to direct solar irradiation or other heat sources. By installing in the blazing sun or near heat sources with or without packaging you have to assume the risk of flaws and reactions of the fire resistance interlayer respectively. .

SCHOTT PYRANOVA

Mounting direction SCHOTT PYRANOVA S 2.0

SCHOTT PYRANOVA S 2.0 is a clear composite safety glass for fire resistant glazing in internal areas.

SCHOTT PYRANOVA S 2.0 is composed symmetrically; the mounting direction has no influence to the performance of the glass.

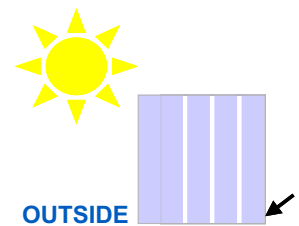


Mounting direction SCHOTT PYRANOVA S 2.1

SCHOTT PYRANOVA S 2.1 is a clear composite safety glass for fire resistant glazing in external areas.

SCHOTT PYRANOVA S 2.0 is composed asymmetrically; it is manufactured from at least two float glass panes with transparent fire resistant interlayers and an external laminated safety glass.

SCHOTT PYRANOVA S 2.1 has to be installed, that the laminated safety glass is turned to the outside or to a possibly UV - radiation source. The SCHOTT PYRANOVA - pane, marked by a permanent label, has to be turned to the interior.

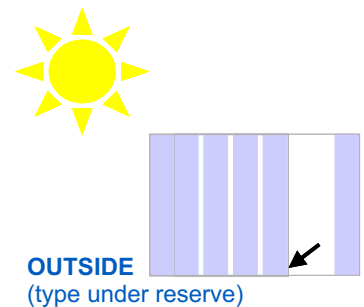
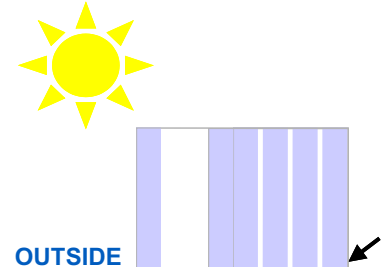


Mounting direction SCHOTT ISO-PYRANOVA S 2.1

SCHOTT ISO-PYRANOVA S 2.1 is a double glazed unit for fire resistant glazing in external areas.

SCHOTT ISO-PYRANOVA S 2.1 is manufactured from at least two float glass panes with transparent fire resistant interlayers, an external laminated safety glass as well as divers countersheets depending on the requested functionality of the compound.

SCHOTT ISO-PYRANOVA S 2.1 has to be installed, that the laminated safety glass is turned to the outside or to a possibly UV - radiation source. The SCHOTT PYRANOVA - pane, marked by a permanent label, has to be turned to the interior.



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Cleaning

To keep the attractive look of SCHOTT PYRANOVA it has to be cleaned periodically. The frequency of the cleaning depends on the location of the glazing as well as the degree of pollution.

Especially laitance and other remainders of building material have to be removed immediately, as otherwise a corrosion of the glass surface may occur. This corrosion may result in glass blindness, decreasing the rigidity of a SCHOTT PYRANOVA - pane.

In case of remainders occur by smoothing out the sealing joints, they also have to be removed immediately.

If the suggested cleaning measurement don't suffice, please ask your glass supplier or the manufacturer.

Non-observance of the cleaning advices lead to declination of warranty and commitment by the supplier.



Suitable cleanser

Normal pollution

- warm water
- mild cleanser
- commercial cleaning sprays
- not emerizing cleanser

Persistent pollution

- spirit
 - acetone
 - petroleum ether
- Sealing materials of the glazing must not be affected.

Unsuitable cleanser

All affecting cleanser such as

- abrasive
- acids
- cleanser containing hydrofluoric acid
- cleanser containing fluoride
- alkaline suds

Suitable aids

- sponge
- wiper
- wash leather
- cloth

Unsuitable aids

- scratching tools
- razor blades
- scraper
- steel-wool

For more information:

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SCHOTT
glass made of ideas