



Corect handling guidelines for fire-resistant products

Fire resistant glass units are multi-laminated, made of float glass and assembled with a clear intumescent interlayer – “gel”.

The interlayers are sensitive to the following:

1. UV radiation.
2. Water.
3. High temperature.

In order to protect the fire resistant glass the following guidelines and procedures should be followed:

Protection from water

- The edges of each glass unit are secured with a special aluminum tape which protects against dampness and water.
- **The tape must not be damaged!** Please be careful during the whole process: during transportation, storage and installation.

Protection from high temperature

- Safe temperature, Pyrobel 17N: Above -40°C and below 50°C
- Safe temperature, Contraflam 60-3: Above 14°F (-10°C) and below 113°F (45°C)
- Safe temperature, Pyrobel 25: Above -40°C and below 50°C.
- Do not install in a place where the temperature exceeds 50 degrees Celsius (e.g. radiators, halogen lighting etc).
- Particular attention should be payed to the double-glazing units for external constructions, when the outer pane is of a highly absorptive type (e.g. coloured glass). In such cases, please provide full information regarding the parameters of the double-glazing unit, it's construction, place of installation, possible “blinds” etc. to enable calculations regarding the temperature for fire resistant glass unit.

Transportation and storage

- Transportation must be carried out in a “covered” truck. Fire resistant glass can not be exposed to UV radiation, high temperature or dampness. During transportation, it is necessary to make sure that the tape on the glass edges is not damaged. Please examine the tape is not damaged during the acceptance of goods before signing the CMR!
- Storage. Fire resistant products should be kept in a dry place in vertical position and protected from direct sun.