



**Pyrobelite & Pyrobel**, manufactured by AGC, is laminated glass made of float sheets with special intumescent interlayers.

The interlayers are sensitive to:

1. UV radiation
2. water
3. high temperature

In order to protect **Pyrobel** it is necessary to observe the following manufacturer's recommendations:

1. **Protection against UV radiation**
  - Protection provided by double PVB foil.
  - In the case of external glazing or internal glazing when the glass is exposed to the risk of UV radiation use the following:
    - *Pyrobel EG* – Pyrobel for external applications with double PVB foil,
    - Pyrobel in IGU with laminated glass with double PVB foil, e.g. 33.2
2. **Protection against moisture impact on insulating glass unit**
  - Edges of each ready Pyrobel sheet are covered with special aluminium tape which provides protection against moisture. In the case of IGU with Pyrobel, edges of IGU are covered with the tape.
  - Do not damage the tape! Pay attention to that during transportation and installation.
3. **Protection against high temperature**
  - Temperature on Pyrobel < 45 °C.
  - Do not use Pyrobel at locations where the temperature can be exceeded (radiators, halogen lights, etc.)
  - Pay particular attention to IGU for external applications, where the external sheet is made of highly absorptive glass (e.g. body-tinted glass). In such a situation, always contact IGU's supplier, provide precise IGU parameters, its structure, installation location, possible shutters, etc. in order to have Pyrobel temperature calculations provided.
4. **Transportation and storage:**
  - Transportation in an 'open' car. Pyrobel cannot be exposed to UV radiation, high temperature and direct impact of precipitation. During transportation also take care so as not to damage the tape covering Pyrobel edges.
  - Storage: in a dry room with positive temperatures < 25 °C.
5. **Installation**
  - Certificates and Technical Approvals are issued to complex partition systems, i.e. glass + structure are subject to fire tests. Installation, maximum glass dimensions and optional application of particular glazing are provided for in Technical Approvals.