

FIRE PROTECTION CLASSIFICATION

According to EN 357, EN 13501-2



E = INTEGRITY

The element of construction seals off an area, so that the fire is contained on one side, providing a physical barrier to fire and smoke as well as hot toxic gases.

- Saint Gobain Product for E classification:
SGG PYROSWISS®, SGG PYROSWISS® EXTRA

EW = RADIATION

The element of construction seals off an area so that the fire is contained on one side, providing a physical barrier to fire and smoke as well as hot toxic gases. Additionally a reflective coating or intumescent interlayer reduces the radiated heat that penetrates the glass below a specified level.

- Saint Gobain Product for EW Classification:
SGG VETROFLAM®, SGG CONTRAFLAM® LITE, SGG SWISSFLAM® LITE



EI = INSULATION

The element of construction seals off an area so that the fire is contained on one side, providing a physical barrier to fire and smoke as well as hot toxic gases. Additionally an intumescent interlayer within the glass acts as a barrier to heat by absorbing the radiated heat. People on the non-fire side therefore remain protected from burning.

- Saint-Gobain product for EI-Classification:
SGG CONTRAFLAM®, SGG SWISSFLAM®, SGG SWISSFLAM® STRUCTURE

