

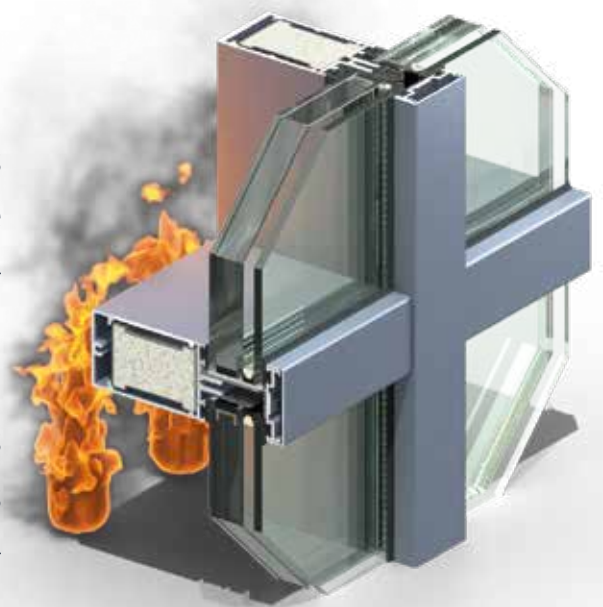


Copenhagen Opera House

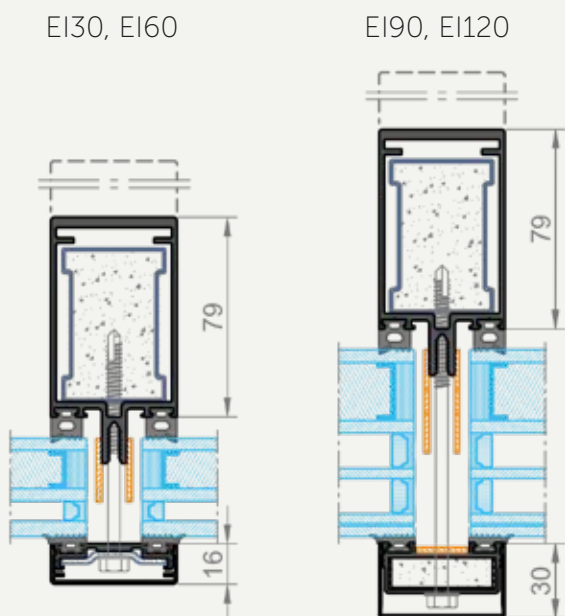
EI60, EI90, EI120 Fire Rated Facade

ALUFLAM AW50 glass constructions are made of narrow aluminum profiles, the space of which is filled with patented fire-resistant, retardant cooling cores.

Available in fire ratings E/EW/EI60, EI90 and EI120 with 60, 90 and 120 minutes of fire protection respectively. The products are fully tested in various European laboratories according to EN standards.



- Our facade complies with EN 12600 standards
- Fire classification EI60, EI90, EI120
- Single EI60, glass for inside use
- Insulated EI60, EI90, EI120 glass for outside use
- Thermal isolation with value down to $U_m = 2.33$ [W/m²K]
- Large panes can be configured with this system
- Aesthetic, narrow sightline of the system profiles: 50 mm
- Good sound resistance
- Single and multiple window panel design is available
- Surface finishing - powder coating (RAL, NCS), anodizing



The photo shows the specimen after the 60-minute test was finished. View from the unexposed side.

Fire resistance	EW60 - EW90, EI30 - EI60 - EI90 - EI120
Tested glass	Fireblock 90-120
Maximal glass size EW90	2200 x 3080 mm
Maximal glass size EI120	1176 x 2426 mm
Frame depth	79, 140 mm (mullion internal depth)
Sightline	50 mm
Functionality	curtain walls

ALUFLAM A/S
Langebjergvænget 13
4000 Roskilde
DENMARK

Tel. +45 46 75 06 11
Fax +45 46 75 08 11
E-mail: info@aluflam.dk
VAT Reg No 20675136

ALUFLAM[®]
GROUP