

# LITEFLAM®

## FIRE RATED GLASS SYSTEMS

LITEFLAM® fire rated glass floors and walkable skylights assist the modern architect with the vision to create open light filled spaces which brings natural light deep into the building, creating a vibrant, inviting atmosphere.

Whether the goal is to allow light roof plazas to subterranean levels or to build a glass bridges in atrium spaces which also require fire separations LITEFLAM® glass floors/skylights and the team at Greenlite Glass Systems can assist with the design needs



This advanced glass floor system is load bearing and fire-rated from 1 to 2 hours the only exterior glazed system Insulated Glass assembly for North America. LITEFLAM® can be used as a durable, non slip walking surface, with a standard live loading of 100psf but can be engineered to take higher loading if required.

# FEATURES

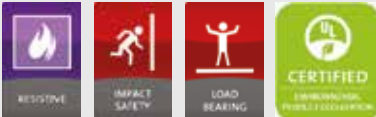
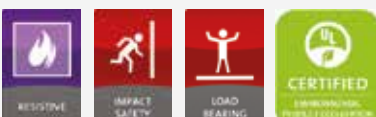
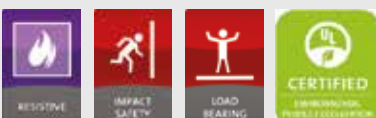
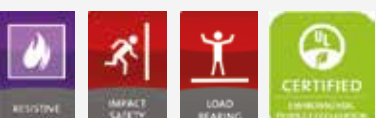
- Fire rated Assemblies for 1hr and 2hr fire separation
- Slim profile 3.5" overall glass thickness.
- Consists of CONTRAFLAM<sup>®</sup> intumescent glass; a tempered, laminated walking surface glass with slip resistance.
- Sealed IGU assembly with Low E for Thermal Performance options
- Solar Control coatings available and fritted surface for added solar control.
- Optional Sacrificial Sheet (\*\*NEW\*\*)
- Brings daylight deep into building interiors, creating dramatic visual effects between different building levels
- Individual max glass panel sizes 5'x5'
- Protection against radiant and conductive heat transfer
- Barrier to fire and smoke
- Durable, non slip walking surface
- Modular system enables design creativity
- Allows for decorative color frits and sand-blasted glass without affecting fire rating
- For use in interior and/or exterior applications

LITEFLAM<sup>®</sup> systems have been tested and are listed with:  
UL Underwriter Laboratories

SwRI South West Research Institute  
Laboratories

# LITEFLAM® CLASSIFICATION

Fire-Rated Clear Glass Floors and Skylights

|   | Appication                        | Max Area in sq<br>inches / centimeters | Max Width<br>inches / centimeters |
|---|-----------------------------------|--|-----------------------------------|
| <b>LITEFLAM XT 60 IGU</b><br>    | Horizontal<br>Interior / Exterior | 2304"/ 14865 cm                        | 69"/ 175 cm                       |
| <b>LITEFLAM XT 90 IGU</b><br>    | Horizontal<br>Interior / Exterior | 3090"/ 19935 cm                        | 78.75"/ 200 cm                    |
| <b>LITEFLAM XT 120 IGU</b><br> | Horizontal<br>Interior / Exterior | 2304"/ 14865 cm                        | 69"/ 175 cm                       |
| <b>LITEFLAM SP 120 IGU</b><br> | Horizontal<br>Interior / Exterior | 3025"/ 19516 cm                        | 55"/ 140 cm                       |

