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

USA Patent No: 7 694 475 Canada Patent No: 2 440 439

This advanced glass floor system is load bearing and firerated 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® 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

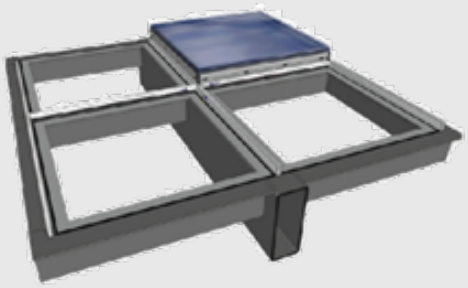
LITEFLAM® systems have been tested and are listed with:
UL Underwriter Laboratories

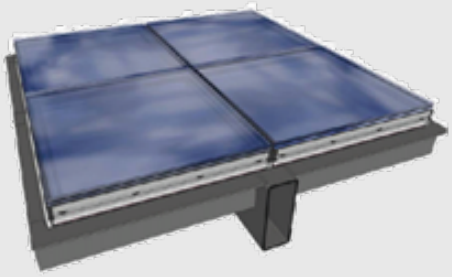
SwRI South West Research Institute Laboratories

LITEFLAM® CLASSIFICATION

Fire-Rated Clear Glass Floors and Skylights

	Appication	Max Area in sq inches	Max Width inches
LITEFLAM XT 60 IGU	Horizontal Interior / Exterior	3481	88.5
LITEFLAM XT 90 IGU	Horizontal Interior / Exterior	3090	88.5
LITEFLAM XT 120 IGU	Horizontal Interior / Exterior	2304	69
LITEFLAM SP 120 IGU	Horizontal Interior / Exterior	3025	55





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