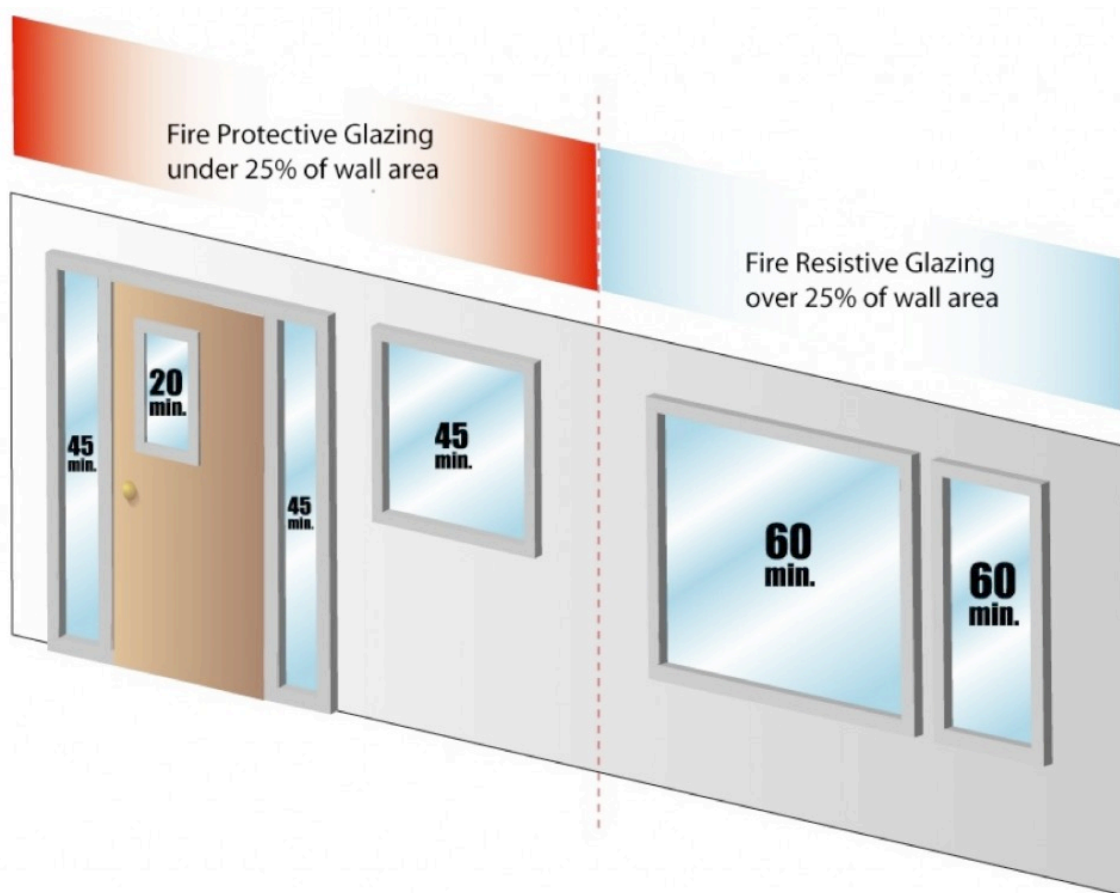




## FAQs ON FIRE RATED GLASS & FRAMING:

### *What are the code requirements in a 1-hour exit corridor?*

The IBC requires different ratings for protected openings in a 1-hour exit corridor depending on the glazing application.



- 20-minute fire doors with 20-minute vision panels without hose stream are permitted in a 1-hour exit corridor.
- Sidelites and transoms around a 20-minute fire door in a 1-hour exit require a 45-minute fire rating with hose stream.
- 45-minute fire protective windows are permitted in a 1-hour exit corridor, up to a maximum of 25% of the wall area.
- If a designer wishes to use more glazing than 1-hour fire resistive glazing, like SuperLite II-XL 60, should be used to meet code requirements.

## Code Compliant Examples



1-hour exit corridor, Durham County Health and Human Services Building, North Carolina.

Products used: SuperLite II-XL 60 in GPX Framing. The glazed openings exceed 25% of the total wall area, therefore, fire resistive glass SuperLite II-XL and fire resistive GPX framing was used in this application. The fire resistive glazed assembly has the same rating as the wall (60 minutes).



1-hour exit corridor at North Layton Junior High, Salt Lake City, Utah.

Products used: SuperLite II-XL, fire rated up to 2 hours with hose stream and impact safety rated to CPSC Cat II. SuperLite II-XL meets ASTM E-119, the wall criteria that limits the average glass surface temperature rise to 250 degrees Fahrenheit on the non-fire side. Fire resistive GPX framing is used to complete this fire resistive assembly.

Got questions on fire rated glass and framing? Train with a recognized code expert while earning **1 AIA LU and 1 HSW credit** with our AIA-accredited webinar program **“Designing with Fire Rated Glass.”**

To schedule a free webinar for your firm, send an email to [dianas@safti.com](mailto:dianas@safti.com). For more information on SAFTI FIRST’s products, please visit [www.safti.com](http://www.safti.com).