

Fire-rated glass labels include a multitude of information, including the product name, basic characteristics (e.g., tempered, laminated, etc.), compliance with impact safety requirements, and whether it is listed by an independent testing agency, such as Underwriters Laboratories. Labels permanently affixed to fire-rated glass also indicate which fire tests it has passed, and which applications it is suited for. Starting with the 2012 IBC, the code incorporates amendments to the fire-rated glass marking system to further simplify the number of marks from the previous system. These were updated in the 2018 edition and can be found in 2021 IBC Table 716.1(1).

DESCRIPTION OF LOCATION

- D** Indicates **D**oors
- OH** Indicates fire-rated glass meets fire window assembly criteria, including the Hose stream test
- FC** Indicates **F**loor/**C**eiling criteria
- W** Indicates **W**alls
(glass meets ASTM E119; providing a barrier to radiant heat transfer)

TEMPERATURE RISE

- T** Indicates glazing meets **T**emperature rise criteria

HOSE STREAM TEST

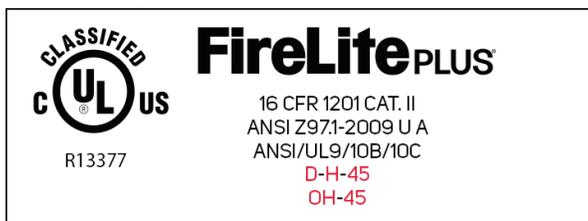
- H** Indicates glazing meets the fire door assembly **H**ose stream test (required for 45 minutes and above)

MINUTES

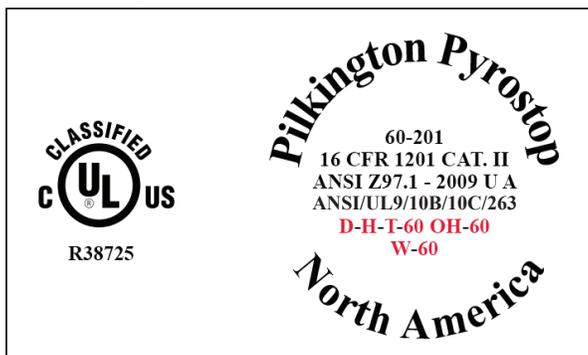
- XXX** Symbolizes fire protection rating period in minutes

For more insight on reading fire-rated glazing product labels, view the samples below. The labels illustrate how design professionals can see at-a-glance a product's performance characteristics and how it corresponds with the IBC fire-rated glazing marking system.

IBC Label Sample 1



IBC Label Sample 2



Marking	Definition of Marking
W	Meets wall assembly criteria. ASTM E 119 or UL 263
OH	Meets fire window assembly criteria including hose stream test. NFPA 257 or UL 9
FC	Meets floor/ceiling criteria. ASTM E119 or UL 263
D	Meets fire door assembly criteria NFPA 252 or UL 10B or UL 10C
H	Meets fire door assembly "Hose Stream" test. NFPA 252 or UL 10B or UL 10C
T	Meets 450 °F* temperature rise criteria for 30 minutes. NFPA 252 or UL 10B or UL 10C
XXX	The time in minutes of the fire resistance or fire protection rating of the glazing assembly.

* For SI; °C = [(°F) -32]/1.8. Source: 2021 IBC Table 716.1(1), Marking Fire-Rated Assemblies