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For New York's Glazing & Design Professionals

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## #5 – FIRE PROTECTION RATED GLASS OPTIONS WITH IMPACT SAFETY RATINGS

This document lists glazing materials with fire protection ratings and 16 CFR 1201 human impact safety ratings available from Syracuse Glass, listed from least to most costly, and some information to help with their selection:

Syracuse Glass stocks the clearest fire rated ceramic materials made by Schott—the Pyran Platinum line. The Pyran Platinum products replace our former ceramic products –Pyran Star—which had an orange color. Additionally, the Platinum products are made by the float process, so the surfaces are as smooth as regular glass without the expense of surface polishing.

- 3/16" Ceramic with a Surface Applied Film – **Schott Pyran Platinum F** – achieves a Category II human impact rating under 16 CFR 1201, so its size is only limited by its fire protection rating. It achieves its safety rating by the use of a surface applied film. The film is durable, but aggressive scrubbing or sharp objects will damage it. This material is set on calcium silicate or hardwood setting blocks, and glazed with Pemko FG3000s90 glazing tape or Fiberfrax tape.
- 5/16" Ceramic Laminated – **Schott Pyran Platinum L** – achieves a Category II human impact rating through its special lamination rather than a surface applied film. It must be glazed with Pemko FG3000s90. This product is very well suited for environments where vandalism or careless maintenance is a concern.

We stock Schott Pyran Platinum, a 3/16" ceramic with no impact safety rating, for locations where human impact is not a concern.

All these products carry an Underwriters Laboratory permanent mark. These products are limited in size by our UL listing in the UL Certifications Directory, which can be viewed at [www.ul.com/onlinetools.html](http://www.ul.com/onlinetools.html), select Certifications Directory, key "Syracuse" in the company name field, then select Syracuse Glass.

11/17/09 Rev. 1

