SCHOTT PYRAN® Platinum
Fire-Rated Glass-Ceramic

Description
PYRAN® Platinum fire-protection rated glazing material is made from a transparent glass-ceramic with a thickness of 3/16” (5 mm). It is intended for use in non-impact, safety-rated locations such as transoms and windows with fire-rating requirements up to 90 minutes.

Features
• Fire-rated up to 90 minutes with required hose stream test
• Specially floated glass-ceramic
• Transparent and wireless
• Withstands thermal shock
• Approved for use with any standard fire-rated frame with the same rating
• Conforms to positive pressure test standards
• Environmentally-friendly glass-ceramic; produced without hazardous heavy metals arsenic and antimony
• Cradle to Cradle® Certified Silver by MBDC
  – Meets LEED Innovation in Design requirements
  – Qualifies for Environmentally Preferred Purchasing Program (EPP)
• Can be used to construct insulated glazing units
• Can be lightly sandblasted or delivered with surface-applied opacity film

General Characteristics
• Thickness: 3/16” (5 mm)
• Weight: 2.5 lbs/ft²
• Clear; No amber tint
• Surface finish: Float glass quality
• Maximum sheet sizes: Approximately 43" x 77"
• Impact rating: None (For applications requiring an impact-rated material SCHOTT offers PYRAN® Platinum F and PYRAN® Platinum L products)

<table>
<thead>
<tr>
<th>Rating in minutes</th>
<th>Location</th>
<th>Max. exposed area of glazing (in²)</th>
<th>Max. width of exposed glazing (in)</th>
<th>Max. height of exposed glazing (in)</th>
<th>Min. depth of groove (in)</th>
<th>Groove Width (in)</th>
<th>Building Code Marking</th>
</tr>
</thead>
<tbody>
<tr>
<td>Up to 90 min</td>
<td>Transom lites, sidelites, windows</td>
<td>3,422 (23.7 ft²)</td>
<td>76</td>
<td>76</td>
<td>5/8</td>
<td>7/16, 3/8</td>
<td>OH-90</td>
</tr>
</tbody>
</table>

Classified and labeled by Underwriters Laboratories, Inc. for the United States and Canada under File #R22036. All fire tests performed in accordance with UL 9, UL 10C, UBC 7-2 (1997), UBC 7-4 (1997), NFPA 257, NFPA 80, ASTM E2010-01, ASTM E2074-00, and ULC CAN4-S106.

Note: This product is not considered a barrier to radiant heat and has not met the ASTM E-119 or UL 263 test standards.

All listing information is subject to change. The current listing can be accessed in the UL directory under File #R22036 or upon request from SCHOTT. For additional information, contact SCHOTT North America, Inc., 5530 Shepherdsville Road, Louisville, KY 40228 or phone (502) 657-4417.
SCHOTT PYRAN® Platinum Fire-Rated Glass-Ceramic

Labeling
After cutting, each lite of PYRAN® Platinum fire-rated glass-ceramic shall be permanently labeled according to local building code requirements with product and manufacturer’s name, UL certification mark, fire rating, etc.

Storage & Handling
PYRAN® Platinum fire-rated glass-ceramic should be handled with care during transportation, storage, inspection, and installation. It should be stored in dry conditions only and needs to be stacked upright or at a slight angle. In addition, the panels must be separated by an appropriate material, such as soft pads made of cork and the bottom edge must be supported along its entire length.

Installation
PYRAN® Platinum shall only be installed into fire-rated frame and window assemblies carrying the same rating. Each PYRAN® Platinum panel should be inspected carefully before installation, and any pieces with visible edge or surface damage should be sorted out. All glazing components and the stop height must be chosen according to the PYRAN® Platinum UL classification. The panel must be placed on calcium silicate or hard-wood setting blocks and glazed using PYRAN® Platinum classified glazing tape, such as closed cell PVC, Fiberfrax tape or Pemko FG3000S90. The installation of the framed unit must comply with the frame supplier’s instructions.

PYRAN® Platinum is a specially developed glass-ceramic that fulfills the fire protection rating requirements. The production process may create certain optical imperfections, such as bubbles or knots. Since these do not generally impair the transparency or the technical performance of the glass-ceramic, they do not represent cause for rejection or replacement.

Maintenance and Care
To maintain the aesthetics, it is important to keep the panel clean. A soft, clean, non-abrasive cloth and a mild soap, detergent, or non-abrasive window cleaning solution is suitable for cleaning. After cleaning, rinse immediately with clean water and remove any excess water from the panel surface. Also, do not allow any metal or hard parts of the cleaning equipment to come in contact with the panel surface.

Notes
Failure to comply with any of the Labeling, Storage & Handling, Installation, and/or Maintenance & Care guidelines may result in a loss of warranty.

A complete three-part CSI format specification list and product warranty information are both available at www.us.schott.com/pyran or by calling (502) 657-4417.
SCHOTT PYRAN® Platinum F
Fire- and Safety-Rated Glass-Ceramic

Description
PYRAN® Platinum F is a fire-protection rated and impact safety-rated glazing material made from a transparent glass-ceramic with a thickness of 3/16” (5 mm). It has a surface applied safety film and is intended for use in safety-rated locations such as door lites, transoms or sidelines, and windows with fire-rating requirements up to 90 minutes (up to 180 minutes in doors).

Features
- Fire-rated up to 90 minutes (up to 180 minutes in doors) with required hose stream test
- Specially-floated glass-ceramic with surface applied safety film
- Transparent and wireless
- Withstands thermal shock
- Approved for use with any standard fire-rated frame with the same rating
- Conforms to positive pressure test standards
- Environmentally-friendly glass-ceramic; produced without hazardous heavy metals arsenic and antimony
- Can be used to construct insulated glazing units
- Can be lightly sandblasted or delivered with surface-applied opacity film
- Available locally throughout North America

General Characteristics
- Thickness: 3/16” (5mm)
- Weight: 2.5 lbs/ft²
- Clear; No amber tint
- Surface: Float glass quality
- Maximum sheet sizes: Approximately 43” x 77”
- Impact rating: ANSI Z97.1 (Class A) and CPSC 16CFR1201 (Cat. I and II)

<table>
<thead>
<tr>
<th>Rating in minutes</th>
<th>Location</th>
<th>Max. exposed area of glazing (in ²)</th>
<th>Max. width of exposed glazing (in)</th>
<th>Max. height of exposed glazing (in)</th>
<th>Min. depth of groove (in)</th>
<th>Groove Width (in)</th>
<th>Building Code Marking</th>
</tr>
</thead>
<tbody>
<tr>
<td>Up to 90 min</td>
<td>Doors Non-Temp Rise</td>
<td>2,736 (19 ft²)</td>
<td>36</td>
<td>76</td>
<td>5/8</td>
<td>7/16, 3/8</td>
<td>D-H-NT-90</td>
</tr>
<tr>
<td>Up to 180 min</td>
<td>Doors Temp Rise and Non-Temp Rise</td>
<td>100 (0.69 ft²)</td>
<td>12</td>
<td>33</td>
<td>1/2</td>
<td>7/16, 3/8</td>
<td>D-H-NT-180</td>
</tr>
<tr>
<td>Up to 90 min</td>
<td>Transom lites, sidelites, windows</td>
<td>3,422 (23.7 ft²)</td>
<td>76</td>
<td>76</td>
<td>5/8</td>
<td>7/16, 3/8</td>
<td>OH-90</td>
</tr>
</tbody>
</table>

Classified and labeled by Underwriters Laboratories, Inc. for the United States and Canada under File #R22036. All fire tests performed in accordance with UL 9, UL 10B, UL10C, UBC 7-2 (1997), UBC 7-4 (1997), NFPA 252, NFPA 257, NFPA 80, ULC CAN4-5104, and ULC Can4-5106.

Note: This product is not considered a barrier to radiant heat and has not met the ASTM E-119 or UL 263 test standards.
All listing information is subject to change. The current rating can be accessed in the UL directory under File #R22036 or upon request from SCHOTT.
For additional information, contact SCHOTT North America, Inc., 5530 Shepherdsille Road, Louisville, KY 40228 or phone (502) 657-4417.
SCHOTT PYRAN® Platinum F
Fire- and Safety-Rated Glass-Ceramic

Labeling
After cutting, each lite of PYRAN® Platinum F fire- and safety-rated glass-ceramic shall be permanently labeled according to local building code requirements with product and manufacturer's name, UL certification mark, fire rating, etc.

Storage & Handling
PYRAN® Platinum F fire- and safety-rated glass-ceramic should be handled with care during transportation, storage, inspection, and installation. It should be stored in dry conditions only and needs to be stacked upright or at a slight angle. In addition, the panels must be separated by an appropriate material, such as acid-free tissue paper, and the bottom edge must be supported along its entire length.

Installation
PYRAN® Platinum F shall only be installed into fire-rated frame and window assemblies carrying the same rating. Each panel should be inspected carefully before installation, and any pieces with visible edge or surface damage should be sorted out. All glazing components and the stop height must be chosen according to the PYRAN® Platinum F UL classification. The panel must be placed on calcium silicate or hardwood setting blocks and glazed using PYRAN® Platinum F classified glazing tape, such as closed cell PVC, Fiberfrax tape or Pemko FG3000S90. The installation of the framed unit must comply with the frame supplier's instructions.

PYRAN® Platinum F is a specially developed glass-ceramic that fulfills the fire and safety protection rating requirements. The production process may create certain optical imperfections, such as bubbles or knots. Since these do not generally impair the transparency or the technical performance of the glass-ceramic, they do not represent cause for rejection or replacement.

Maintenance and Care
To maintain the aesthetics, it is important to keep the panel clean. A soft, clean, non-abrasive cloth and a mild soap, detergent, or non-abrasive window cleaning solution is suitable for cleaning. After cleaning rinse immediately with clean water and remove any excess water from the panel surface. Also, do not allow any metal or hard parts of the cleaning equipment to come in contact with the panel surface.

Notes
Failure to comply with any of the Labeling, Storage & Handling, Installation, and/or Maintenance & Care guidelines may result in a loss of warranty.

A complete three-part CSI format specification list and product warranty information are both available at www.us.schott.com/pyran or by calling (502) 657-4417.
SCHOTT PYRAN® Platinum L
Fire- and Safety-Rated Glass-Ceramic

Description
PYRAN® Platinum L is a fire-protection rated and impact safety-rated glazing material with a thickness of approximately 3/8” (9 mm), a laminated glass-ceramic with a transparent appearance. It is intended for use in safety-rated locations such as door lites, transoms or sidelites, and windows with fire-rating requirements up to 90 minutes (doors: up to 3 hours).

Features
• Fire-rated up to 90 minutes (up to 180 minutes in doors) with required hose stream test
• Laminated specially floated glass-ceramic
• Transparent and wireless
• Withstands thermal shock
• Approved for use with any fire-rated frame
• Conforms to positive pressure test standards
• Environmentally-friendly glass-ceramic; produced without hazardous heavy metals arsenic and antimony
• Cradle to Cradle® Certified Silver by MBDC
  – Meets LEED Innovation in Design requirements
  – Qualifies for Environmentally Preferred Purchasing Program (EPP)
• Can be used to construct insulated glazing units
• Can be lightly sandblasted or delivered with surface-applied opacity film
• Available locally throughout North America

General Characteristics
• Thickness: Approximately 3/8” (9 mm)
• Weight: 4.0 lbs/ft²
• Clear; No amber tint
• Surface finish: Float glass quality
• Maximum sheet sizes: Approximately 43” x 77”
• Impact rating: ANSI Z97.1 (Class A) and CPSC 16CFR1201 (Cat. I and II)
• STC rating: Approximately 36 dB

Listings

<table>
<thead>
<tr>
<th>Rating in minutes</th>
<th>Location</th>
<th>Max. exposed area of glazing (in²)</th>
<th>Max. width of exposed glazing (in)</th>
<th>Max. height of exposed glazing (in)</th>
<th>Min. depth of groove (in)</th>
<th>Groove Width (in)</th>
<th>Building Code Marking</th>
</tr>
</thead>
<tbody>
<tr>
<td>Up to 90 min</td>
<td>Doors Non-Temp Rise</td>
<td>2,736 (19 ft²)</td>
<td>36</td>
<td>75</td>
<td>5/8</td>
<td>5/8, 1/2</td>
<td>D-H-HT-90</td>
</tr>
<tr>
<td>Up to 180 min</td>
<td>Doors Temp Rise and Non-Temp Rise</td>
<td>100 (0.69 ft²)</td>
<td>12</td>
<td>33</td>
<td>1/2</td>
<td>5/8</td>
<td>D-H-NT-180</td>
</tr>
<tr>
<td>Up to 90 min</td>
<td>Transom lites, sidelites, windows</td>
<td>3,143 (21.8 ft²)</td>
<td>75</td>
<td>75</td>
<td>5/8</td>
<td>5/8</td>
<td>OH-90</td>
</tr>
</tbody>
</table>

Classified and labeled by Underwriters Laboratories, Inc. for the United States and Canada under File #R22036. All fire tests performed in accordance with UL 9, UL 10B, UL10C, UBC 7-2 (1997), UBC 7-4 (1997), NFPA 252, NFPA 257, NFPA 80, ULC Can4-5104, and ULC CAN4-5106.

Note: This product is not considered a barrier to radiant heat and has not met the ASTM E-119 or UL 263 test standards.

All listing information is subject to change. The current listing can be accessed in the UL directory under File #R22036 or upon request from SCHOTT.

For additional information, contact SCHOTT North America, Inc., 5530 Shepherdsville Road, Louisville, KY 40228 or phone (502) 657-4417.
SCHOTT PYRAN® Platinum L
Fire- and Safety-Rated Glass-Ceramic

Labeling
After cutting, each lite of PYRAN® Platinum L fire- and safety-rated glass-ceramic shall be permanently labeled according to local building code requirements with product and manufacturer’s name, UL certification mark, fire rating, etc.

Storage & Handling
PYRAN® Platinum L fire- and safety-rated glass-ceramic should be handled with care during transportation, storage, inspection, and installation. It should be stored in dry conditions only and needs to be stacked upright or at a slight angle. In addition, the panels must be separated by an appropriate material, such as soft pads made of cork, and the bottom edge must be supported along its entire length.

Installation
PYRAN® Platinum L shall only be installed into fire-rated frame and window assemblies carrying the same rating. Each panel should be inspected carefully before installation, and any pieces with visible edge or surface damage should be sorted out. All glazing components and the stop height must be chosen according to the PYRAN® Platinum L product classification. The panel must be placed on calcium silicate or hardwood setting blocks and glazed using PYRAN® Platinum L classified glazing tape, such as closed cell PVC, Fiberfrax tape or Pemko FG3000S90. The installation of the framed unit must comply with the frame supplier’s

Instructions
PYRAN® Platinum L is a specially developed glass-ceramic that fulfills fire-protection rating requirements. The production process may create certain optical imperfections, such as bubbles or knots. Since these do not generally impair the transparency or the technical performance of the glass-ceramic, they do not represent cause for rejection or replacement.

Maintenance and Care
To maintain the aesthetics, it is important to keep the panel clean. A soft, non-abrasive cloth and a mild soap, detergent, or non-abrasive window cleaning solution is suitable for cleaning. After cleaning rinse immediately with clean water and remove any excess water from the panel surface. Also, do not allow any metal or hard parts of the cleaning equipment to come on contact with the panel surface.

Notes
Failure to comply with any of the Labeling, Storage & Handling, Installation, and/or Maintenance & Care guidelines may result in a loss of warranty.

A complete three-part CSI format specification list and product warranty information are both available at www.us.schott.com/pyran or by calling (502) 657-4417.

For cost estimates or technical questions, contact “Sales” - 616-538-0100 or sales@wolverineglass.com