



**Design No. U553**  
**BXUV.U553**  
**Fire-resistance Ratings - ANSI/UL 263**

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- Authorities Having Jurisdiction should be consulted before construction.
- Fire resistance assemblies and products are developed by the design submitter and have been investigated by UL for compliance with applicable requirements. The published information cannot always address every construction nuance encountered in the field.
- When field issues arise, it is recommended the first contact for assistance be the technical service staff provided by the product manufacturer noted for the design. Users of fire resistance assemblies are advised to consult the general Guide Information for each product category and each group of assemblies. The Guide Information includes specifics concerning alternate materials and alternate methods of construction.
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**BXUV - Fire Resistance Ratings - ANSI/UL 263**

**BXUV7 - Fire Resistance Ratings - CAN/ULC-S101 Certified for Canada**

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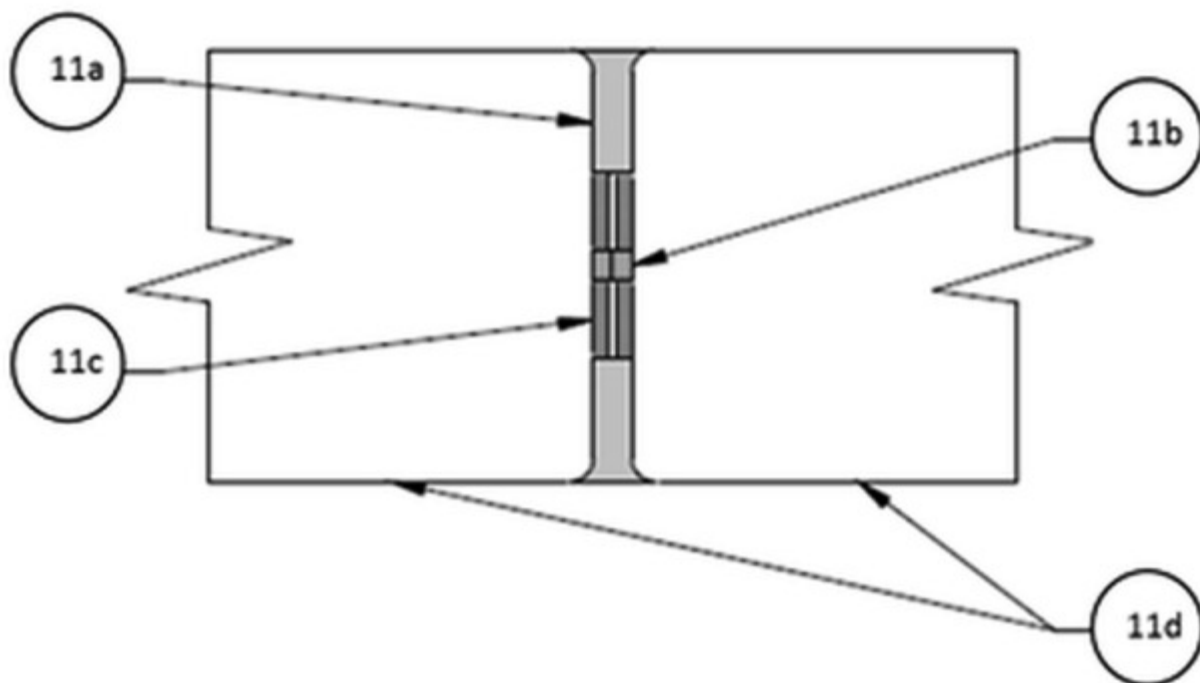
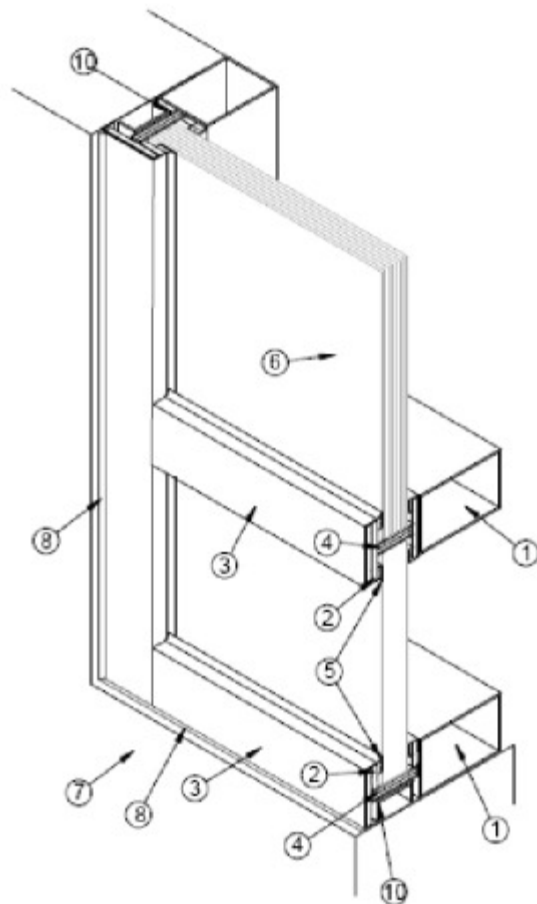
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**Design No. U553**

February 17, 2017

**Non-Bearing Wall Rating - 1, 1-1/2 or 2 Hr (See Items 4, 6, 7, and 10)**

- \* Indicates such products shall bear the UL or cUL Certification Mark for jurisdictions employing the UL or cUL Certification (such as Canada), respectively.



1. **Steel Framing Members\*** — Nom. 2-3/8 in. in width with a nom. depth of 3-1/2 in. with lengths cut according to glazing opening size. Secured to wall with 1/4 in. diameter by 3 in. long hex head screw fastened 6 in. from the end and then every 17 in. OC through pre-drilled holes in the framing members. Framing members can incorporate vertical or horizontal mullions into the systems.

**STILES CUSTOM METAL INC** — Stile-Lite 300

2. **Steel Pressure Caps** — Supplied with the steel framing members. Nom. 2-3/8 in. wide with a nom. depth of 0.611 in. with lengths cut according to glazing size. Cap retainer is inserted into the steel pressure cap prior to fastening to the framing members. The pressure cap and cap retainer assembly is then secured to the framing members with a minimum 1/4 in. by 3-1/2 in. cap head screws and neoprene washers located every 12-1/16 in. OC. Screws to be sized to match the glazing used.

3. **Facing Profiles** — Supplied with the steel framing members. Nom 2-3/8 in. wide with a nom minimum depth of 0.611 in. with lengths cut according to glazing size. Facing profiles snap over the pressure caps with no mechanical fasteners.

4. **Pressure Plate Screws** — Supplied with the steel framing members. Screw sizes vary with thickness of Fire Resistant Glazing Material. Studs to be located 100 mm from each end of the steel framing member and then every 300 mm OC.

5. **Gaskets** — Supplied with the steel framing members. Nom. 2-5/16 in. wide by nom. 1/4 in. thick neoprene strip applied to the steel framing members and the pressure caps to cushion and seal the glazing material when installed.

6. **Fire Resistant Glazing Material\*** — For 1 hr. assemblies - Nom. 1 in. (26 mm) minimum thickness laminated glass supplied in various sizes. For 1-1/2 hr. and 2 hr. assemblies, Nom. 2-1/8 in. (53 mm) minimum thickness laminated glass panels supplied in various sizes. Maximum exposed size of glazing for 1 hr. rated assemblies not to exceed 26.7 ft<sup>2</sup> with a maximum horizontal or vertical dimension of 87-5/8 in. Maximum size of glazing for 1-1/2 and 2 hr. rated assemblies not to exceed 29.3 ft<sup>2</sup> with a maximum exposed horizontal or vertical dimension of 100-7/8 in.

**AGC GLASS EUROPE SA - SENEFFE** — Pyrobel 60, Pyrobel 60 EG, Pyrobel 60 IGU, Pyrobel 120, Pyrobel 120 EG, Pyrobel 120 IGU

**TRULITE GLASS & ALUMINUM SOLUTIONS L L C** — Pyrobel 60, Pyrobel 60 EG, Pyrobel 60 IGU, Pyrobel 120, Pyrobel 120 EG, Pyrobel 120 IGU

**SAFTIFIRST** — Superlite II XLM 60, Superlite II XLM 60 EG, Superlite II XLM 120, and Superlite II XLM 120 EG

**GENERAL GLASS INTERNATIONAL** — Pyrobel 60, Pyrobel 60 EG, Pyrobel 120 and Pyrobel 120 EG

7. **Wall Assembly** — The 1, 1-1/2 or 2 hr fire rated wall assembly shall be constructed of the materials and in the manner described in the individual U300, U400, V400, or U900-Series Wall or Partition Designs in the UL Fire Resistance Directory. The wall opening shall be lined with one layer of gypsum board for one hour assemblies and two layers of gypsum board for two hour assemblies when installed into a U300, U400 or V400-Series Wall or Partition Design. When a U400 or V400-Series Design is specified, 20 Ga. steel studs must be used to frame the opening.

8. **Fill, Void or Cavity Materials\*** — Any UL Classified Fill, Void or Cavity Material caulking applied with caulking gun. Caulking to be applied over tightly packed insulation filling the voids between the framing and the finished opening of the wall.

9. **Intumescent Tape** — (Not Shown) Intumescent tape supplied with the steel framing members shall be applied to all edges of the fire resistant glazing materials (Item 6) as well as to the web of the channels used as spacer (Item 10) with the framing. Intumescent tape to be trimmed to match the thickness of the glazing material.

10. **Spacers** — Supplied with the framing members. C shaped steel channels to be installed opposite the glazing pocket. Spacers are to be installed to maintain the clamping force of the pressure plate against the framing members. Spacer is to be a nominal 1 in. deep for 1 hr assemblies and a nominal 2-1/8 in. deep for 1-1/2 or 2 hr rated assemblies.

11. **Butt jointed glazing** — Superlite-II XLM or Pyrobel 120 panes of maximum size 114 in. high by 40 in. wide may be butted together along vertical edges (no framing) using the butt joint system, shown below:

a. Momentive Pensil 300 - A silicone sealant is applied to fill the butt joint gap between the glazing panes and finished flush.

b. Superwool paper X607 - Superwool paper with self-adhesive tape on one face. A strip is adhered along the full height of each glazing pane edge at the butt joints only, set central to the glazing panes thickness. 4mm x 3mm thick (uncompressed).

c. Kerafix FXL 200 - Intumescent with self-adhesive tape of one face. A strip is adhered along the full height of each glazing pane edge at the butt joints only, positioned each side of item 2 (set 15mm from the exposed and unexposed face of the glass). 10mm x 2mm

thick.

d. **Fire Resistant Glazing Material\*** - The following types of glazing materials may be used:

**AGC GLASS EUROPE SA - SENEFFE** — Pyrobel 120

**TRULITE GLASS & ALUMINUM SOLUTIONS L L C** — Pyrobel 120

**SAFTIFIRST** — Superlite II XLM 120

**GENERAL GLASS INTERNATIONAL** — Pyrobel 120

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**Design No. U565**  
**BXUV.U565**  
**Fire-resistance Ratings - ANSI/UL 263**

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- Fire resistance assemblies and products are developed by the design submitter and have been investigated by UL for compliance with applicable requirements. The published information cannot always address every construction nuance encountered in the field.
- When field issues arise, it is recommended the first contact for assistance be the technical service staff provided by the product manufacturer noted for the design. Users of fire resistance assemblies are advised to consult the general Guide Information for each product category and each group of assemblies. The Guide Information includes specifics concerning alternate materials and alternate methods of construction.
- Only products which bear UL's Mark are considered Certified.

**BXUV - Fire Resistance Ratings - ANSI/UL 263**

**BXUV7 - Fire Resistance Ratings - CAN/ULC-S101 Certified for Canada**

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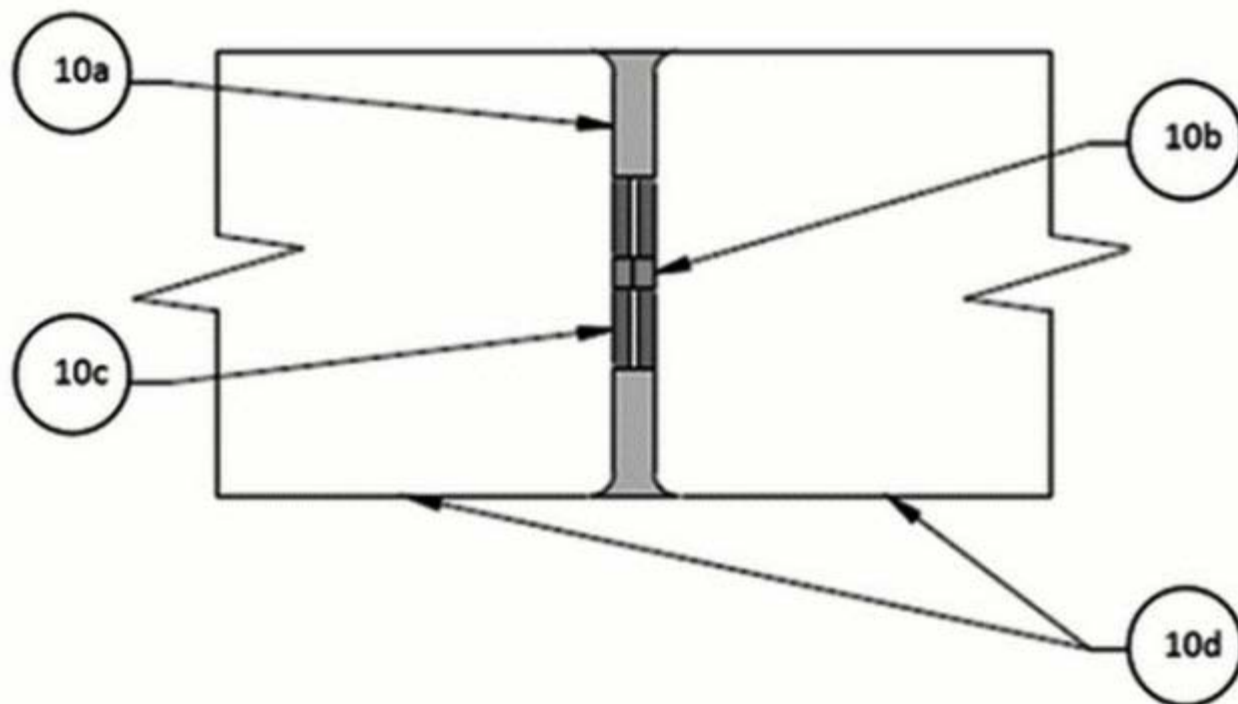
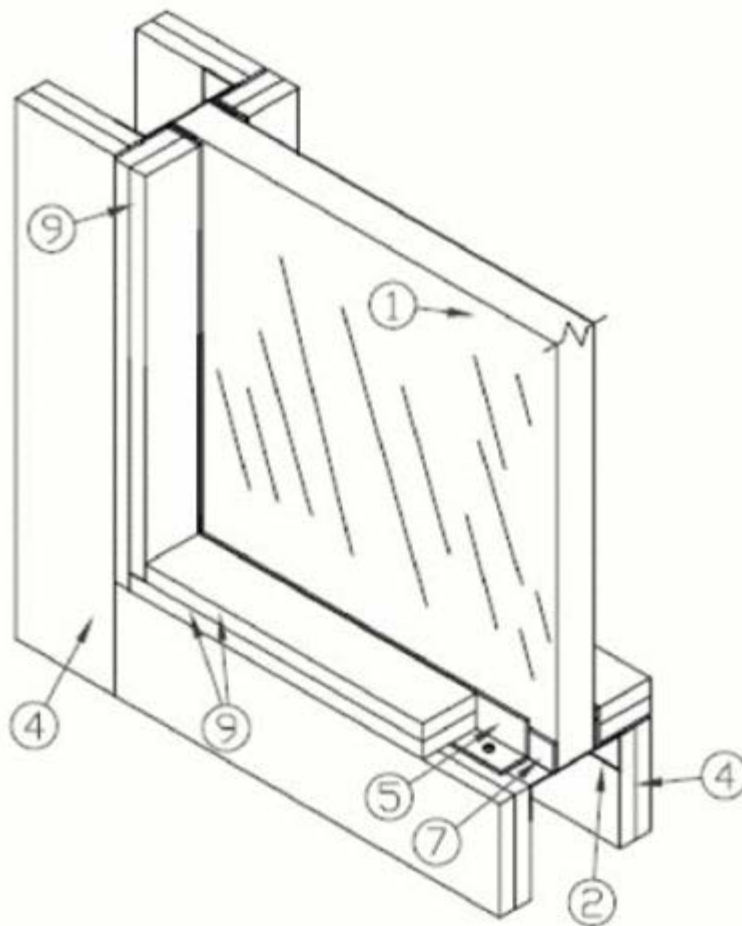
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**Design No. U565**

March 27, 2017

**Nonbearing Wall Rating — 1, 1-1/2 or 2 hr Rating (See Items 1 and 4)**

- \* Indicates such products shall bear the UL or cUL Certification Mark for jurisdictions employing the UL or cUL Certification (such as Canada), respectively.



1. **Fire Resistant Glazing Material\*** — For 1 hr. assemblies - Nom. 1 in. (26 mm), Max exposed size not to exceed 26.7 sq ft with max exposed dimension of 87-5/8 in. For 1-1/2 and 2 hr. assemblies - Nominal 2-1/16 in. (53 mm), maximum size of glazing for 1-1/2 and 2 hr. rated assemblies not to exceed 29.3 ft<sup>2</sup> with a maximum exposed horizontal or vertical dimension of 100-7/8 in.

**AGC GLASS EUROPE SA - SENEFFE** — Pyrobel 60, Pyrobel 60 EG, Pyrobel 60 IGU, Pyrobel 120, Pyrobel 120 EG and Pyrobel 120 IGU

**GENERAL GLASS INTERNATIONAL** — Pyrobel 60, Pyrobel 60 EG, Pyrobel 120 and Pyrobel 120 EG

2. **Steel Studs** — 18 gauge heavy duty electrogalvanized studs, 3-1/2 in. wide, 1-1/4 in. legs, and 1/4 in. stiffening flanges. Studs are nested with steel runners, Item 3, and fastened together with 1/2 in. long S12 pan head screws through both legs of the stud and runner every 6 in. OC.

3. **Steel Runners** — 18 gauge electrogalvanized steel runners, 3-5/8 in. wide, 1-1/4 in. legs. Nested with steel studs, Item 2, to form framing members. Horizontal framing members attached to vertical framing members by cutting legs of runners 6 in. from each end and bending runners either up or down and nesting on vertical members and fastening to vertical member with 1/2 in. long S12 pan head screws, 2 through both legs, and 4 through the face of the vertical stud 4 in. OC.

4. **Gypsum Board\*** — **Any 5/8 in. thick UL Classified Gypsum Board that is eligible for use in Design Nos. L501, G512 or U305.** Nom 5/8 in. thick, 4 ft wide by 10 ft long, cut to size and shaved on edges. Wallboard boxed around stud and runner framing members. Base layer secured to framing members with 1-1/4 in. long S12 bugle head drywall screws (screws not shown). Drywall fastened with 1 screw on each leg and 2 screws on each face, spaced 16 in. OC. Face layer secured to framing members with 1-5/8 in. long S12 bugle head drywall screws same as base layer, spaced 8 in. OC. Wallboard joints covered with paper tape and two coats of joint compound. Screw heads covered with two coats of joint compound. One layer of gypsum board must be installed per side for 1 hr assemblies while two layers of gypsum board must be installed per side for 1-1/2 or 2 hr assemblies. Drywall to be installed per the manner described in the individual U400 or V400-Series Wall or Partition Designs.

**ACADIA DRYWALL SUPPLIES LTD** ([View Classification](#)) — CKNX.R25370

**AMERICAN GYPSUM CO** ([View Classification](#)) — CKNX.R14196

**BEIJING NEW BUILDING MATERIALS PUBLIC LTD CO** ([View Classification](#)) — CKNX.R19374

**CERTAINTED GYPSUM INC** ([View Classification](#)) — CKNX.R3660

**CGC INC** ([View Classification](#)) — CKNX.R19751

**CONTINENTAL BUILDING PRODUCTS OPERATING CO, L L C** ([View Classification](#)) — CKNX.R18482

**GEORGIA-PACIFIC GYPSUM L L C** ([View Classification](#)) — CKNX.R2717

**LOADMASTER SYSTEMS INC** ([View Classification](#)) — CKNX.R11809

**NATIONAL GYPSUM CO** ([View Classification](#)) — CKNX.R3501

**PABCO BUILDING PRODUCTS L L C, DBA PABCO GYPSUM** ([View Classification](#)) — CKNX.R7094

**PANEL REY S A** ([View Classification](#)) — CKNX.R21796

**SIAM GYPSUM INDUSTRY (SARABURI) CO LTD** ([View Classification](#)) — CKNX.R19262

**THAI GYPSUM PRODUCTS PCL** ([View Classification](#)) — CKNX.R27517

**UNITED STATES GYPSUM CO** ([View Classification](#)) — CKNX.R1319

**USG MEXICO S A DE C V** ([View Classification](#)) — CKNX.R16089

5. **Glazing Stops** — 1/16 in. thick, 15/16 in. by 1-1/8 in. steel angles, cut to fit tightly along the perimeter of both sides of glazing material, Item 1. The steel angle stops were cut to fit tightly around the perimeter of the opening. The steel angles are to be set in the opening and then screwed to the steel studs through the gypsum wallboard and the steel angles with No. 6 by 1 in. long TEK screws. The angles are to be secured with a screw every 8 in. OC starting 2 in. in from the end. The steel angle stops are to be installed first for both the front and back of the glazing material and the clearance for the glass is then measured. The angles were removed on the front side of the frame so the glazing material could be set in place. The self-adhesive glazing tape (Item 7) is to be applied to the steel angle stops to make a seal for when the glazing material was installed.

6. **Setting Blocks** — (Not Shown) — Hardwood, rubber or calcium silicate setting blocks placed on bottom of window opening between glazing stops, Item 5, to set glazing material, Item 1.

7. **Glazing Tape** — 1/2 in. wide by 1/8 in. thick closed cell glazing tape with self-adhering backing, adhered to glazing stops, Item 4, to seal and cushion legs of glazing stops in contact with glazing material, Item 1.

8. **Silicone Sealant** — (Not Shown) — 100 percent silicone rubber building and glazing sealant. A bead of sealant is applied at the glazing stop, Item 5, and glazing material, Item 1, joint.

9. **Steel Angle Trim** — The steel angles (See Item 5) on both sides of the wall are to be covered with two layers of 5/8 in. thick gypsum board where the first layer is fastened with a No. 6 by 1 in. long TEK Screws through the steel angle and into the stud located every 8 in. OC. The second layer of gypsum board was then installed over the first layer and should be attached to the underlying gypsum board, steel angle and studs with 2-1/2 in. long drywall screws located every 8 in. OC. The screws through the second layer of gypsum board are to be staggered to avoid the screws used in the first layer of gypsum board.

10. **Butt jointed glazing** — Pyrobel 120 or Superlite-II XLM 120 panes of maximum size 114 in. high by 40 in. wide may be butted together along vertical edges (no framing) using the butt joint system, shown below:

a. Momentive Pensil 300 -- A silicone sealant is applied to fill the butt joint gap between the glazing panes and finished flush.

b. Superwool paper X607 - Superwool paper with self-adhesive tape on one face. A strip is adhered along the full height of each glazing pane edge at the butt joints only, set central to the glazing panes thickness. 4mm x 3mm thick (uncompressed).

c. Kerafix FXL 200 - Intumescent with self-adhesive tape of one face. A strip is adhered along the full height of each glazing pane edge at the butt joints only, positioned each side of item 2 (set 15mm from the exposed and unexposed face of the glass). 10mm x 2mm thick.

d. **Fire Resistant Glazing Material\*** — Pyrobel 120. The following types of glazing materials may be used:

**AGC GLASS EUROPE SA - SENEFFE** — Pyrobel 120

**GENERAL GLASS INTERNATIONAL** — Pyrobel 120

11. **Perimeter Caps** — (Optional, not shown - for use when using General Glass International fire-resistive glazing material - see item 1) Kwickap Aluminun System, 1/16 in. (1.6 mm) thick trim profiles, secured to gypsum board and steel angle to provide decorative cover for perimeter of glazing material.

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**KCMZ.R25120**  
**Fire-protection-rated Glazing Materials**

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**Fire-protection-rated Glazing Materials**

[See General Information for Fire-protection-rated Glazing Materials](#)**GENERAL GLASS INTERNATIONAL**

R25120

101 VENTURE WAY  
SECAUCUS, NJ 07094-1825 USA

**Fire-protection-rated glazing material****Product designation:** 1/4 in. thick wired glass.**Thickness:** 1/4 in.**Glazing Compound:** Pemko FG3000S45**Furnace pressure:** Positive

Rating	Application	Max Exposed Area of Glazing (sq in.)	Max Width of Exposed Glazing (in.)	Max Height of Exposed Glazing (in.)	Min Depth of Groove (in.)	Groove Width (in.)	Building Code Marking
20, 30 and 45 min	Doorframe, window, sidelite/transom with or without second piece of 1/4 in. thick tempered glass	1296	54	54	5/8	1/2	D-H-NT-20, OH-20, D-H-NT-30, OH-30, D-H-NT-45, OH-45
20 Min No Hose	Hollow Metal Door	3289	35-3/4	92	3/4	1/2	D-NH-NT-20
45 min	Transom Light	3456	96	36	5/8	1/2	D-H-NT-45
45 min	Sidelight or Window	4608	100	100	5/8	1/2	D-H-NT-45, OH-45
45 min	Hollow Metal Door	2856	34	84	5/8	1/2	D-H-NT-45
90 min	Hollow Metal Door	552	12	46	5/8	1/2	D-H-NT-90
60 min	Wood Door	960	12	80	5/8	1/2	D-H-NT-60

**Fire-protection-rated glazing material****Product designation:** NEW-WIRE**Thickness:** 1/4 in.

**Glazing Compound:** Pemko FG3000S45**Furnace pressure:** Positive

Rating	Application	Max Exposed Area of Glazing (sq in.)	Max Width of Exposed Glazing (in.)	Max Height of Exposed Glazing (in.)	Min Depth of Groove (in.)	Groove Width (in.)	Building Code Marking
20, 30 and 45 min	Doorframe, window, sidelite/transom with or without second piece of 1/4 in. thick tempered glass	1296	54	54	5/8	1/2	D-H-NT-20, OH-20, D-H-NT-30, OH-30, D-H-NT-45, OH-45
20 Min No Hose	Hollow Metal Door	3289	35-3/4	92	3/4	1/2	D-NH-NT-20
45 min	Transom Light	3456	96	36	5/8	1/2	D-H-NT-45
45 min	Sidelight or Window	4608	100	100	5/8	1/2	D-H-NT-45, OH-45
45 min	Hollow Metal Door	2856	34	84	5/8	1/2	D-H-NT-45
90 min	Hollow Metal Door	552	12	46	5/8	1/2	D-H-NT-90
60 min	Wood Door	960	12	80	5/8	1/2	D-H-NT-60

**Fire-protection-rated glazing materials****Product designation:** Schott Pyran S \*\***Thickness:** 5 mm (3/16 in.)**Glazing compound:** Fiberfrax tape, closed cell PVC, Pemko FG3000S45**Furnace pressure:** Positive

Rating	Application	Max Exposed Area of Glazing (sq in.)	Max Width of Exposed Glazing (in.)	Max Height of Exposed Glazing (in.)	Min Depth of Groove (in.)	Groove Width (in.)	Building Code Marking
20 min NH	Doors	3204	36	89	3/4	7/16 / 11/32*	D-NH-NT-20
20 min NH	Sidelights, Transom Lights, Windows	7228	116-3/4	116-3/4	3/4	7/16 / 11/32*	D-NH-NT-20, OH-20

**Product designation:** Schott Pyran Star, Star F, Crystal, Crystal F \*\***Thickness:** 5 mm (3/16 in.)**Glazing compound:** Fiberfrax tape, closed cell PVC, Pemko FG3000S90**Furnace pressure:** Positive

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Rating	Application	Max Exposed Area of Glazing (sq in.)	Max Width of Exposed Glazing (in.)	Max Height of Exposed Glazing (in.)	Min Depth of Groove (in.)	Groove Width (in.)	Building Code Marking
60 and 90 min	Doors Temp Rise	100	12	33	5/8	7/16 / 11/32*	D-H-NT-60, D-H-NT-90
60 and 90 min	Door Non-Temp Rise	2736	36	76	5/8	7/16 / 11/32*	D-H-NT-60, D-H-NT-90
60 and 90 min	Sidelights, Transom Lights, Windows	3202	76	76	5/8	7/16 / 11/32*	OH-60, OH-90, D-H-NT-60, D-H-NT-90

**Product designation:** Schott Pyran Star L, Crystal L \*\*

**Thickness:** 8.6 mm (5/16 in.)

**Glazing compound:** Pemko FG3000S90

**Furnace pressure:** Positive

Rating	Application	Max Exposed Area of Glazing (sq in.)	Max Width of Exposed Glazing (in.)	Max Height of Exposed Glazing (in.)	Min Depth of Groove (in.)	Groove Width (in.)	Building Code Marking
60 and 90 min	Doors Temp Rise	100	12	33	3/4	1/2 *	D-H-NT-60, D-H-NT-90
60 min	Doors Non-Temp Rise	2736	36	76	3/4	1/2 *	D-H-NT-60
90 min	Doors Non-Temp Rise	2376	36	66	3/4	1/2 *	D-H-NT-90
180 min	Doors Temp Rise	100	12	12	1/2	1/2 *	D-H-NT-180,
180 min	Non-Temp Rise	100	12	12	1/2	1/2 *	D-H-NT-180
60 min	Sidelights, Transom Lights, Windows	2786	66	76	3/4	1/2 *	D-H-NT-60, OH-60
90 min	Sidelights, Transom Lights, Windows	2786	66	66	3/4	1/2 *	D-H-NT-90, OH-90
60 and 90 min	Doors Non-Temp Rise	1521	36	42-1/4	5/8	1/2	D-H-NT-60, D-H-NT-90
60 and 90 min	Sidelights, Transom Lights, Windows	3208	75-3/4	42-1/4	5/8	1/2	D-H-NT-60, OH-60, D-H-NT-90, OH-90

**Product designation:** Schott Pyran Platinum, Platinum F \*\*

**Thickness:** 5 mm (3/16 in.)

**Glazing compound:** Fiberfrax tape, closed cell PVC, Pemko FG3000S90

**Furnace pressure:** Positive

Rating	Application	Max Exposed Area of Glazing (sq in.)	Max Width of Exposed Glazing (in.)	Max Height of Exposed Glazing (in.)	Min Depth of Groove (in.)	Groove Width (in.)	Building Code Marking
180 min	Doors Temp Rise	100	12	33	1/2	7/16 / 3/8*	D-H-NT-180
180 min	Doors Non-Temp Rise	100	12	33	1/2	7/16 / 3/8*	D-H-NT-180

60 and 90 min	Doors Non-Temp Rise	2736	36	76	5/8	7/16 / 3/8*	D-H-NT-60, D-H-NT-90
60 and 90 min	Transom Lights, Sidelights, Windows	3422	76	76	5/8	7/16 / 3/8*	D-H-NT-60, OH-60, D-H-NT-90, OH-90

**Product designation:** Schott Pyran Platinum L \*\*

**Thickness:** 9 mm (3/8 in.)

**Glazing compound:** Fiberfrax tape, closed cell PVC, Pemko FG3000S90

**Furnace pressure:** Positive

Rating	Application	Max Exposed Area of Glazing (sq in.)	Max Width of Exposed Glazing (in.)	Max Height of Exposed Glazing (in.)	Min Depth of Groove (in.)	Groove Width (in.)	Building Code Marking
180 min	Doors Temp Rise	100	12	33	1/2	5/8 / 1/2*	D-H-NT-180
180 min	Doors Non-Temp Rise	100	12	33	1/2	5/8 / 1/2*	D-H-NT-180
60 and 90 min	Doors Non-Temp Rise	2736	36	75	5/8	5/8	D-H-NT-60, D-H-NT-90
60 and 90 min	Transom Lights, Sidelights, Windows	3143	75	75	5/8	5/8	D-H-NT-60, OH-60, D-H-NT-90, OH-90

\* Groove Width for use with Pemko FG3000S90.

\*\* All glazing materials can be used to construct Insulated Glazing Units.

Note: All glazing materials are also Classified in accordance with UL 9, "Positive Pressure Conditions."

#### Fire-protection-rated glazing materials

**Product designation:** Pyroguard Clear

**Thickness:** 5/16 in.

**Glazing compound:** "K" Tape or FG3000

**Furnace pressure:** Positive

Rating	Application	Max Exposed Area of Glazing (sq in.)	Max Width of Exposed Glazing (in.)	Max Height of Exposed Glazing (in.)	Min Depth of Groove (in.)	Groove Width (in.)	Building Code Marking
20 min NH	Door Lights	1404	28	62	3/4	9/16	D-NH-NT-20

#### Fire-protection-rated glazing materials

**Product designation:** Pyrobel 60, Pyrobel 60 EG

**Thickness:** Nominal 1 in.

**Glazing compound:** Self-adhesive Intumescent Tape.

**Furnace pressure:** Positive

Rating	Application	Max Exposed Area of Glazing (sq in.)	Max Width of Exposed Glazing (in.)	Max Height of Exposed Glazing (in.)	Min Depth of Groove (in.)	Groove Width (in.)	Building Code Marking
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1 h	Window, Transom, Sidelight	3855	87-5/8	87-5/8	5/8	1-1/4	OH-60
1 h	Door [wood, wood covered composite or steel]	3855	44	87-5/8	5/8	1-1/4	D-H-T-60

**Fire-protection-rated glazing materials****Product designation:** Pyrobel 90, Pyrobel 90 EG**Thickness:** Nominal 1-1/4 in.**Glazing compound:** Self-adhesive Intumescent Tape.**Furnace pressure:** Positive

Rating	Application	Max Exposed Area of Glazing (sq in.)	Max Width of Exposed Glazing (in.)	Max Height of Exposed Glazing (in.)	Min Depth of Groove (in.)	Groove Width (in.)	Building Code Marking
1-1/2 h	Window, Transom, Sidelight	3528	84	84	5/8	1-1/2	OH-90
1-1/2 h	Door [wood, wood covered composite or steel]	2916	36	61	5/8	1-1/2	D-H-T-90

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