

## TECHNICAL GLASS PRODUCTS OVERVIEW

#### **OVERVIEW**

Since 1980, Technical Glass Products (TGP) has been supplying specialized glazing materials and systems with the highest quality for commercial and institutional buildings in North America. Its motto, "one source, many solutions," reflects a commitment to helping simplify glazing product specification, design and installation challenges faced by architects, general contractors and glaziers.

TGP has strong business relationships with top glass and architectural metal manufacturers to offer leading glass and framing product lines in North America and the Middle East. The company has offices in Seattle, USA; Toronto, Canada; and Dubai, UAE.

#### FIRE-RATED GLASS AND FRAMING

In the fire-rated glass and framing industry, TGP is the recognized leader by North American architects. It works closely with building code officials, designers and manufacturers to identify and develop products that meet the highest testing standards for safety, aesthetics and other requirements of today's buildings. The



company is the sole North American and Middle Eastern supplier of the Underwriters Laboratories, Inc.® (UL) classified and labeled FireLite® family of clear and wireless ceramic glazing that blocks fire and smoke and can meet impact resistance requirements.

Other TGP fire-rated products include:

- Pilkington Pyrostop® UL-classified and labeled fire and impact-resistant transparent wall panels that block fire, smoke and heat transfer
- Fireframes® family of fire-rated and UL-classified and labeled steel, aluminum, wood, curtain wall and glazed floor framing

TGP has an in-house design and engineering team that works with architects and designers to help meet building code requirements for life safety and a host of other challenges. For example, the company worked with the architects for the Art Institute of Chicago's Modern Wing to develop custom fire-rated aluminum frames — the Fireframes® Aluminum Series. The frames allowed for large expanses of fire-rated glazing in the Modern Wing's classrooms and corridors with sleek sightlines to match the exterior curtain wall designed by Renzo Piano.

### **PRODUCTS**

For more information about any of our UL-classified and labeled products, please visit fireglass.ae. For more information about any of our architectural glass and framing products, please visit tgpamerica.com.

- FireLite® Fire-rated glass ceramic
- FireLite Plus® Fire-rated, laminated, impact safety-rated glass ceramic
- FireLite® NT Fire-rated, impact safety-rated glass ceramic with surface-applied film
- FireLite® IGU Fire-rated or fire/impact safety-rated insulated glass units
- Pilkington Pyrostop® Fire-rated, impact safety-rated transparent wall panels
- WireLite® and WireLite NT Fire-rated, wired glass
- Fireframes® Designer Series 20/45/60/90 minute fire-rated doors & frames
- Fireframes® Heat Barrier Series 60/90/120 minute fire-rated doors & frames
- Fireframes® Curtainwall Series 45/60/120 minute fire-rated frames
- Fireframes SG Curtainwall® Series 45/60/120 minute silicone glazed steel curtain wall
- Fireframes® Aluminum Series 45/60/120 minute fire-rated frames
- Fireframes ClearFloor® System 60/90/120 minute fire-rated, safety-rated glass floor system
- Fireframes® Hardwood Series 20/45/60 minute fire-rated doors & frames



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- Fireframes TimberLine™ Series 45/60/120 minute fire-rated frames
- LX and LX Premium X-ray shielding glass
- Pilkington Profilit™ channel glass system
- SteelBuilt Curtainwall®, SteelBuilt Curtainwall Infinity™ and SteelBuilt Window & Door® Systems

## **ARCHITECTURAL TOOLS**

TGP provides architects with a range of design and support tools, including:

- BIM and 3-D modeling
- CSI format specifications
- Architectural specification manuals
- Product fact sheets
- Project design and engineering support

#### CONTACT

Contact Technical Glass Products for all of your fire-rated glass and framing and specialty architectural glass and framing needs. Please let us know how we can help with your next project.

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# REFERENCE PROJECTS - NORTH AMERICA

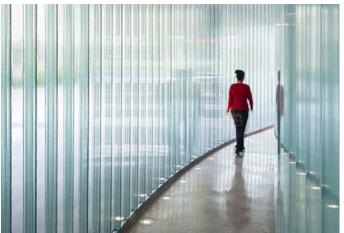


Northwestern University Engineering Life Sciences Project:

Customer: Mid-States Glass & Metal, Inc. Product: Fireframes ClearFloor® System

fire-rated glass floor

Architect: Flad Architects Location: Evanston, IL



Project: University of San Francisco, John Lo Schiavo, S.J.

Center for Science and Innovation

**Product:** Pilkington Profilit™ translucent channel glass system

Architect: NBBJ

Location: San Francisco, CA



Project: William Jones College Preparatory High School

**Product:** FireLite Plus® fire-rated glass ceramic

Architect: Perkins + Will Location: Chicago, IL



Project: Fulton Street Transit Center

**Product:** Fireframes® Curtainwall Series steel framing and

Pilkington Pyrostop® glass firewalls

Architect: Arup, with Grimshaw

Location: New York, NY



# REFERENCE PROJECTS - MIDDLE EAST





Product: Fireframes® Designer Series frames and Standard

FireLite® NT IGU insulated glass units

Yanbu, Saudi Arabia Location:

Customer: Saudi Archirodon LTD



King Abdullah Petroleum Library Project: Customer: Al Reyami Glass and Aluminum UAE **Product:** Fireframes® Aluminum Series frames and

Pilkington Pyrostop® glass firewalls

Location: Riyadh, Saudi Arabia



Project: Heart of Doha Phase 1A

Customer: Alu Nasa

Product: Fireframes ClearFloor® System fire-rated glass floor

Architect: Burns & McDonell Location: Doha, Qatar

## **ADDITIONAL PROJECTS:**

Project: Heart of Doha Phase 1C

Customer: Alu-nasa

Product: Pilkington Profilit™ translucent channel glass system

Architect: Burns & McDonell Location: Doha, Qatar

Project: Cleveland Clinic

Customer: Sixco

Product: FireLite Plus® fire-rated glass ceramic and

LX X-ray products

Location: Abu Dhabi, UAE

Project: Bahrain Four Seasons Hotel

Customer: Alu-tec

Product: Fireframes® Designer Series frames and FireLite

Plus® fire-rated glass ceramic

Bahrain Location: