

Company Fact Sheet

North American Headquarters

Vetrotech Saint-Gobain

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Who We Are

Vetrotech Saint-Gobain is a leading manufacturer of fire-rated glass, systems and solutions located outside of Seattle, Washington. Since the early 1980s, its state-of-the-art manufacturing facility has been producing a wide range of fire-rated products certified in accordance with leading North American fire-test standards and in full compliance with building codes. Vetrotech Saint-Gobain fire-rated glass solutions combine form and function, offering safety, comfort, security and aesthetic appeal.

Parent company, Saint-Gobain, the world's largest building materials company, has its North American headquarters in Valley Forge, Pennsylvania. The company has more than 265 locations in North America and approximately 19,000 employees. In the United States and Canada, Saint-Gobain reported sales of approximately \$7.9 billion in 2012.

As the world leader in the home products and construction materials markets, Saint-Gobain operates in 64 countries and has nearly 193,000 employees. Backed by 350 years of research, development and innovation, Saint-Gobain designs, manufactures and distributes building materials, providing comprehensive solutions to the challenges of growth, energy efficiency and environmental protection.

Products

Contraflam[®]

Fire-resistant glass consists of two or more panes of clear tempered safety glass; a transparent intumescent interlayer, injected between panes, reacts when exposed to fire, blocking smoke and flames, and reducing transmission of heat. Available in 45- 60- 90- 120-, and 180-minute ratings for interior use.

Contraflam[®] Structure

Combines the aesthetics of Contraflam fire-resistant glass and butt-jointed all-glass partition(s) for a frameless, minimalistic appearance. Rated a clear tempered safety glass for interior wall applications, it comes in 60- and 120-minute ratings.

Contraflam[®] Ultimax

Combines the proven Contraflam fire-resistant with security glass. Polycarbonate glass laminate creates built-in forced-entry protection that eliminates the need for an extra pane of glass or an easy-to-damage film. Designed for applications requiring "Forced Entry/ Burglary protection," "Detention" and "Bullet Resistance." 45-, 60-, and 90-minute ratings.

Products (cont.)

VDS®

Engineered steel doors and window frames and doors work in conjunction with Contraflam fire-rated glazing products to provide a barrier to heat transfer by conduction and convection. The streamlined frames come in fire-ratings of 20 to 120 minutes.

Keralite®

Glass ceramic products offering the widest selection of solutions where fire-rated applications from 20 to 180 minutes are required. Exceptional color rendering index (95.5 – 97.1), meets LEED® certification and holds an Environmental Product Declaration.

- *Keralite R*: 3/16"-thick glass installs into standard fire-rated frames and is the most economical for non-impact-rated areas
- *Keralite F*: 3/16"-thick impact-safety glass installs into standard fire-rated frames and doors.
- *Keralite L*: 5/16"-thick specialty laminated, impact-safety glass installs into standard fire-rated frames and doors. Ideal for impact-rated areas where the highest surface durability is desired.

Keralite® Select

New and improved addition to the Keralite product line launched in 2014 and developed using a patent-pending polishing technology resulting in a float-like surface quality, true color, lowest haze value and high light transmission. Recommended for larger glass sizes in impact-rated areas where superior clarity and sharpness is desired.

- *Keralite Select F*: 3/16"-thick fire-rated glass-ceramic with applied film provides impact safety and installs into standard fire-rated frames and doors.
- *Keralite Select L*: 5/16"-thick fire-rated glass-ceramic, specially laminated for impact-safety installs into standard fire-rated frames and doors.

Keralite® Ultimax

Fire-rated detention and bullet-resistant safety glass, available in fire ratings up to 90 minutes. Minimal thickness of 1-1/16" allows for installation into metal door retrofits and new construction.

Pyroswiss®

The original specially tempered and impact safety glass for 20-minute fire-rated doors, features a thin and light profile with superior breakage resistance. In the event of fire, provides an effective barrier against the passage of smoke, flames and hot toxic gasses.

LEED® Credits

Energy and Atmosphere (EA)

Prerequisite 2: Minimum Energy Performance: Required

- Products that contribute: Pyroswiss, Keralite F and R, Contraflam

EA 1: Optimize Energy Performance: 3-21 Points (CS only), 1-24 Points (Healthcare)

EA 1.3: Optimize Energy Performance-HVAC: 5-10 Points (CI)

- Products that contribute: Pyroswiss, Keralite F and R, Contraflam

**LEED® Credits
(cont.)**

Materials and Resources (MR)

MR 3: Sustainably Sourced Materials and Products: 1-4 Points (Healthcare)

- Products that contribute: VDS Steel Framing Systems used with: Keralite F, L and Ultra, Contraflam

MR 4: Recycled Content 10 – 20%: 1-2 Points with a third point for exemplary performance (NC, CS, Schools, Retail, CI)

- Products that contribute: VDS Steel Framing Systems used with: Keralite F, L and Ultra, Contraflam

MR 5: Regional Materials: 1-2 Points with a third point for exemplary performance (CI)

- Products that contribute: Keralite R, F, L and Ultra, Contraflam, VDS Framing Systems

Indoor Environmental Quality

IEQ 8.1: Daylight and Views-Daylight 75%+: 1 Point (NC, CS, Retail); 1-2 Points (Schools, CI); 2 Points if minimum of two Points under IEQ 8.2 (Healthcare)

- Products that contribute: Keralite R, F, L and Ultra, Contraflam

IEQ 8.2: Daylight and Views-Views: 30” and 90” above finish floor: 1 Point plus another point for exemplary performance (NC, CS, Schools, Retail), add seated spaces for CI; 1-3 Points (Healthcare) 90% of inpatient units and non-inpatient areas plus between 15-20 feet of perimeter.

- Products that contribute: Keralite R, F, L and Ultra, Contraflam

Certificates

Environmental Product Declaration

- Contraflam fire-resistant glass in accordance with DIN ISO 14025 and prEN 15804
- Pyroswiss fire-resistant glass in accordance with DIN ISO 14025 and prEN 15804
- Keralite fire-protective glass in accordance with DIN ISO 14025

**Company
Spokespeople**

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