

On the safe side.

Transformation starts with LESS.

Introducing **CONTRAFLAM® One**:
the clearest, lightest, and lowest embodied carbon
fire-resistive glazing solution available today

vetrotech
SAINT-GOBAIN

SUSTAINABLE innovation.

- The Clearest up to 90 % visible light transmission¹
- Fire-Rated 60 to 120 minutes
- Thinner for long duration (90 & 120 min.)
- The Lowest Embodied Carbon up to 35% less than conventional multi-chamber and multi-laminate options
- The Lightest up to 31% weight savings

CONTRAFLAM® One Changes the Fire-Resistive Glass Game

CONTRAFLAM One is distinguished by a single-chamber foaming interlayer and just two lites of glass for all fire resistance performance classifications, 60 to 120 minutes. The key to using less glass and reducing embodied carbon? Our HYBRIDCORE™ Technology, a product of Vetrotech's 40+ years of experience in interlayer chemistry.

As it delivers outstanding fire-rated capabilities, CONTRAFLAM One's impressive light transmission values and significant weight savings empowers architects and contractors with increased customization options and easier installation for significant benefits all the way down the value chain.



HYBRIDCORE™
TECHNOLOGY

¹ VLT (NFRC 200) for CONTRAFLAM® One 60 low iron configuration.

² GWP indicator calculated from cradle to grave (A1 to C4 stages) and to be confirmed and communicated in the verified EPD under development for publication in 2024.

Sustainability Matters

CONTRAFLAM One requires less glass in production than conventional multi-chamber or multi-laminate options, and less glass means lower embodied carbon, up to 35% for 120-minute product.²

The Clearest Solution

CONTRAFLAM One has the highest Visible Light Transmittance (VLT) for all ratings. Extra daylight will be appreciated by owners and occupants alike.

Customizable

Every project is unique and needs a customized solution. Additional features include (not limited to): impact protection for added safety, double- and triple-glazing for UV benefits and energy savings, extra clear options, and extra privacy and noise reduction for occupant comfort.

Worry-Free Transport and Easier Handling

CONTRAFLAM One's lighter weight, resistance to wide temperature ranges (-40F/+140F), and use of tempered glass takes the worry out of transporting while also making it easier to handle and faster to install.

35 %

estimated reduction in embodied carbon in 120-minute product.²

CONTRAFLAM One and VDS: The Perfect Fit.

When paired with our VDS framing system, CONTRAFLAM One is part of a complete line of code-compliant, fire-rated assemblies manufactured in the USA, including smoke barriers and fire-rated doors. These system solutions bring together framing, doors, and glazing for an all-in-one fire-rated barrier with the design assistance and aesthetic value of Vetrotech.

VDS fire-rated framing system has third-party verified Environmental Product Declarations, as well as Health Product Declarations, to ensure maximum transparency throughout its lifecycle.



See For Yourself

CONTRAFLAM® One outshines the competition in almost every category. Discover more at contraflamone.com

60 min

VDS Partitions

Manufacturer	CF60-1	Competitor A	Competitor B	Competitor C
VLT %	90	87	88	88
Max Area ft ²	45	39	34.4	50
Weight (lb/sqft)	9.7	10.9	14	12.3
Thickness (mm)	28	23	35	27

90 min

VDS Doors

Manufacturer	CF90-1	Competitor A	Competitor B	Competitor C
VLT %	89	84	88	86
Max Area ft ²	23.2	25.9	33.9	24.5
Weight (lb/sqft)	10.9	17.6	12	14.1
Thickness (mm)	32	37	39	30

120 min

VDS Partitions and CW

Manufacturer	CF120-1	Competitor A	Competitor B	Competitor C
VLT %	89	74	88	84
Max Area ft ²	44.9	25.9	33.9	30.5
Weight (lb/sqft)	12.1	21.7	16	25
Thickness (mm)	37	54	45	53

Competitive product data is based on manufacturer's published literature, in many instances does not reflect a comprehensive search or independent testing and is updated as is necessary. Not all attributes of the Vetrotech product will be identical to the compared product; the Vetrotech product may not be a suitable substitute in every application. Vetrotech makes no warranty, express or implied, as the completeness or accuracy of the information presented herein, and expressly disclaims liability for any damages arising from the use of this information.

¹ VLT (NFRC 200) for CONTRAFLAM® One low iron configuration.

vetrotech
SAINT-GOBAIN

VETROTECH SAINT-GOBAIN NORTH AMERICA
1 Sage Way / Faribault, MN 55021 / USA
Phone +888-803-9533

For more information visit www.vetrotech.com/en-us

