# FIRE PROTECTIVE 🖕 UP TO 45 MIN 🌾 CAT I & II

## **GLAZING - CONTRASHIELD 45 - CT45 - Fire Protective Glazing**

Fire-protective glazing with an STC rating of 42 and a temp rise rating.

		<b>↓</b> 1" —	
	Height		
Width MADE-TO-ORDER CONT QTY MODEL FIRE RAT			-01T (TAPE APPLIED)
CT 45		01	(None)
			T (1/1 Cli Share david)

#### SPECIFICATIONS:

Material: Three panes of laminated safety glass enclosing two intumescent interlayers.

Thickness: 1" (25mm)

Weight: 10.3 psf

Light Transmission: 83.8%

**STC:** 42

U-Value: Winter 0.74; Summer 0.67

### Size:

Minimum: 4" x 4"

**Maximum:** No more than 1:10 ratio width to length

#### RATINGS:

Fire Rating: UL9, UL 10B, UL10C, NFPA 80, NFPA 252, NFPA 257, CAN/ULC-S106, S104

Impact Safety Rating: CPSC 16CFR 1201(Cat I and II), CAN/ CGSB-12.1-M, ANSI Z97.1

Compatible Frames: Slimline VSIG, EZline VLFEZIG ThruBoltLine VLFIG, VLFS10 Warranty: Ten year limited

#### **OPTIONS & ACCESSORIES:**

Standard Tape: 1/16" x 3/8" wide 200ft, adhesive back, black closed cell polyvinyl chloride foam glazing tape applied to glazing or ordered separately.

TAPE, WHEN ORDERED SEPARATELY

GTAPE 200B 200' Roll Tape

Fire-rated Intumescent Tape: 3/64" x 7/16" wide x 8 ft, firerated adhesive backed, black, applied to vision lite pocket in addition to the 1/16" standard tape, for UL10C positive pressure rated.

#### TAPE, ORDERED SEPARATELY FOR UL10C

FGS4590-8 8' Roll Fire-rated intumescent tape

#### NOTE:

Order size is actual glass size. See page two for IBC approved sizing and UL Listings.

T (1/16" Standard Tape)

Distributor: **Project:** 800-554-6077 **AIR LOUVERS** Approved By: Contractor: sales@activarcpg.com www.activarcpg.com Date: Architect: 9702 Newton Ave S. Bloomington, MN 55431 | Many Locations Nationwide Pages: 1 of 2 Scale: N/A Item #: THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF ACTIVAR CONSTRUCTION PRODUCTS GROUP, INC. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF ACTIVAR CONSTRUCTION PRODUCTS GROUP, INC. IS PROHIBITED. © 2023 Activar Construction Products Group, Inc.



RATING	MAX IBC ALLOWED AREA* (EXPOSED GLAZING)	MAX UL TESTED DIMENSIONS		GLAZING "BUG" MARKING	IBC LOCATIONS	
		WIDTH	HEIGHT	WARRING		
Doors						
45 min	2685 in <sup>2</sup> (Max Tested)	30"	89.5"	D-H-45	1 hour fire partitions, corridor walls, smoke barriers	
		2685 in <sup>2</sup>		D-H-T-45 (Temp Rise)	exterior walls, other partitions and barriers.	
Nindow, T	ransom, Sidelite	2				
45 min	3419 in² (Max Tested)	95.5"	95.5"		1 hour fire partitions, corridor walls, smoke barriers,	
				D-H-45/OH-45	exterior walls, other partitions and barriers.	

This table is based on IBC 2018 Section 716. The combined height and width cannot exceed the maximum exposed glazing area measurement. Interpretation of Fire and Building Codes may vary. Consult with the Local Authority Having Jurisdiction (AHJ) to determine appropriate standards.

It is the responsibility of the customer to communicate specifications and product performance requirements that are needed for their application. This document is intended to convey potential product configurations and offerings. It is not to be used to imply or represent a specification or rating, of finished products shipped. Detailed, specific submittals can be created upon request. It is the responsibility of the customer to specify product accordingly to comply with local laws, codes, and ordinances.

3410 in<sup>2</sup>