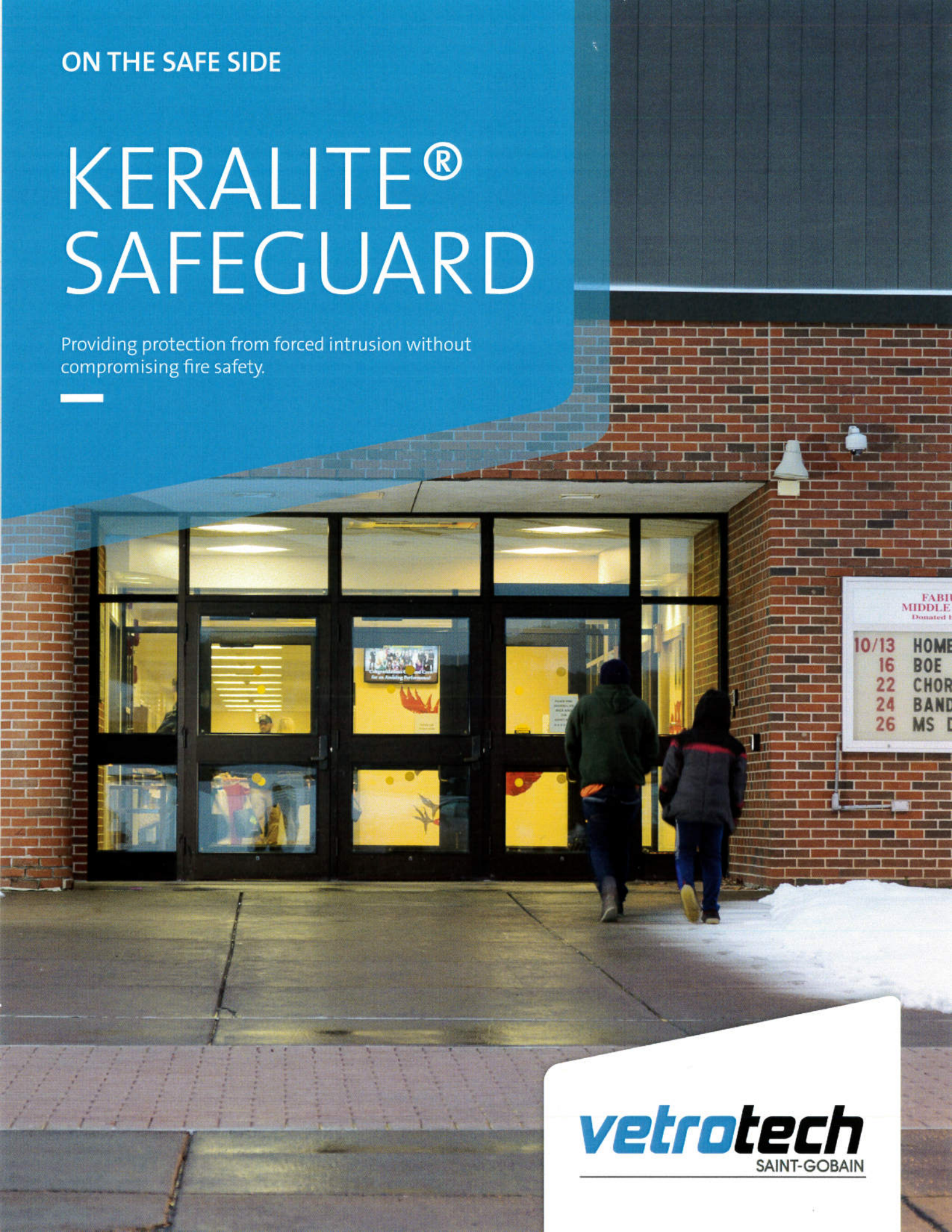


ON THE SAFE SIDE

KERALITE® SAFEGUARD

Providing protection from forced intrusion without compromising fire safety.



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vetrotech
SAINT-GOBAIN

WHY CHOOSE KERALITE SAFEGUARD?

Keralite SafeGuard is a laminated and filmed fire-rated glass ceramic product that offers combined fire, impact and intrusion protection. Buildings with SafeGuard installed provide a safe zone for occupants, protecting against the deadly effects of active shooters, intruders and terrorists.



Fire-Protective

This glass product can withstand fire exposure to the non-fire side and protects from flames, smoke and hot gases.



Impact safety

Impact safety rated to meet the highest human impact safety ratings.



Hose stream tested

This product has passed the hose stream test.

Fire Rating

20-90, 180 Minutes

Listings/Approvals	UL 9, 10B, 10C; NFPA 80, 252, 257; CAN/ULC-S104, S106
Impact Safety Rating	CPSC 16CFR Part 1201 (CATEGORIES I & II), ANSI Z97.1, CAN/CGSB-12.1-M
Nominal Thickness	.354" (9mm)
Thickness Tolerance	+0.031" to -0.031" (+0.8mm to -0.8 mm)
Weight (lbs/sq ft)	4.261
STC Rating	34/31
Light Transmission	85.6%
Shading Coefficient	.95
Solar Heat Gain Coefficient	.83
U Value BTU	.895 Summer; .988 Winter

Keralite SafeGuard is available in products from:



2444 Industrial Drive
Neenah, WI
54956
(920) 233-3333

411 West Spruce St.
Abbotsford, WI
54405
(715) 223-6324

Window/Transom/ Sidelight Maximum Exposed:

Door Non-Temperature Rise Maximum Exposed:

Door Temperature Rise Maximum Exposed:

Rating	Area	Width	Height	Area	Width	Height	Area	Width	Height
20	4,500	95-3/8	95-9/16	3,627	46-1/2	78			N/A
45	4,500	95-3/8	95-9/16	3,627	46-1/2	78			N/A
60	4,500	95-3/8	95-9/16	3,627	46-1/2	78	100	10	33
90	4,500	95-3/8	95-9/16	3,627	46-1/2	78	100	10	33
180		N/A			N/A		100	10	33

Maximum sheet size for this product is 44" x 96".
Height multiplied by width cannot exceed maximum exposed area.



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