

English

Security Glazing designed for schools

Tristar Sentry Guard Glass

Photo: © Campbell, Boulanger



kuraray

TRISTAR
GLASS PRODUCTS

SentryGlas®

Security Glazing designed for schools

Emerson Elementary School in Tulsa, Oklahoma, is special for two important reasons. It is the only public Montessori school in the state of Oklahoma. And its exterior glazing is Sentry Guard from Tristar Glass, Inc.

Sentry Guard glass offers safety and security for the students and staff inside Emerson. Designed specifically for schools, this laminated glass product is bonded together by SentryGlas® ionoplast interlayer from Kuraray. Stiff and strong, SentryGlas® has been used in a variety of security applications including courthouses, embassies, banks and municipal buildings.

The glazing provided to Tulsa installer Advantage Glass also incorporates a Low-E coating for improved energy efficiency. The coating effectively blocks solar energy, providing year round comfort.



• 5-aa1 Sledge hammer test – Sentry Glas®

5-aa1

Sequence	Test implements	Impacts	Minutes	Time to pass [min]
1	Shot 7.62 mm round	5		
2	Bricks	20		
3	Kicks with steel toe	10		
4	Tools set #1*		2	2
5	Tools set #2**		3-1/2	5.5
6	Sledge hammer		6	11.5

TAB • * Tools set #1: wrench, small 2 x 4 wood, claw hammer
 ** Tools set #2: 3 lb hammer, aluminum baseball bat

Ballistics allowed to penetrate the glazing.

Glass make up

Thickness [mm]	Thickness ["]	Make up
30.16	1-3/16	Insulating glass unit
6.35	¼	Vitro Solarban® 60 Low-E coating on Optigray® Tinted Glass
9.53	3/8	Air space
11.11	7/16	Tristar Glass Sentry Guard

FOR FURTHER INFORMATION

on products of Kuraray, please visit www.kuraray.com.

You can find further information on our Trosifol® and SentryGlas® products at www.trosifol.com.

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