

FR7650TDH

SELF-CLOSING DOUBLE HUNG



7650TDH SERIES

UL APPROVED AND CERTIFIED

45 MINUTE FIRE RATED WHEN GLAZED WITH 1/4" WIRE GLASS

90 MINUTE FIRE RATED WHEN GLAZED WITH 3/16" CERAMIC & FIRE RATED GLAZING TAPE

GENERAL TEST RESULTS & ADIMENSIONAL LIMITATIONS

HOOR RATING	MINIMUM FRAME DIM.	MAXIMUM FRAME DIM.	(Air) ASTM E283 @ 6.25psf	(Water) ASTM E331 @ 5.0gph / ft2	Uniform Design Load ASTM E330	MAXIMUM VENT DIM.	MAXIMUM WIRE GLS DIM.	MAXIMUM SAFETY GLS	MAXIMUM CERAMIC GLDS
1 1/2	20" x 30"	56 1/2" x 120"	.33 cfm / ft ²	WTP @ 2.86 psf	90 psf	52" x 56"	n/a	optional	950 In ²
1	20" x 30"	56 1/2" x 120"	.33 cfm / ft ²	no	interior	52" x 56"	n/a	optional	2,496 In ²
3/4	20" x 30"	66" x 126"	.33 cfm / ft ²	leakage	exterior	62" x 59"	1,296 sq in	optional	2,496 In ²

* NOTE: TEST SPECIMEN SIZE 48" X 96"

U Factor	CRF	SHGC	VT	GLAZING CONFIGURATION
.50	24	.35	.39	3/4" O.A. thickness consisting of 3/16" Pilkington Solar E over 3/16" Firelite

THIS INFORMATION IS INTENDED FOR GENERAL REFERENCE ONLY. FOR CURRENT LISTING DETAILS, PLEASE CALL OPTIMUM WINDOW MFG. CORP.

THERMAL PERFORMANCE VALUE CHART FOR FIRE-RATED PRODUCTS THAT HAVE BEEN SIMULATED					
WINDOW TYPE	"U" VALUE	"SHGC"	"CR"	"VT"	GLASS CONFIGURATION THAT MEETS THE NYCECC (NYC ENERGY CONSERVATION CODE)
FR7650 Hung Windows	0.51 BTU/hr/ft ² /°F	0.35 BTU/hr/ft ² /°F	24	0.39	3/4" I.G.U. (1/4" Wire Glass [R.W.G. or P.W.G.] over 3/16" Pilkington Solar E [A type of hard coat LoE] Glass)
	0.50 BTU/hr/ft ² /°F	0.35 BTU/hr/ft ² /°F	24	0.39	3/4" I.G.U. (3/16" Std. Firelite Glass or 3/16" Std. Firelite NT over 3/16" Pilkington Solar E [A type of hard coat LoE] Glass)
	0.52 BTU/hr/ft ² /°F	0.34 BTU/hr/ft ² /°F	24	0.38	3/4" I.G.U. (5/16" Std. Firelite Plus Glass over 3/16" Pilkington Solar E [A type of hard coat LoE] Glass)

SHGC: Solar Heat Gain Coefficient CR: Condensation Resistance VT: Visible Transmittance

LISTINGS

Listed and labeled by Underwriters Laboratories Inc. and Underwriters' Laboratories of Canada. Test report for labeled 45/60/90 minute fire-rated frame assemblies is UL file NO. R-12349. Frame tests performed in accordance with ASTM E283, ASTM E331 & ASTM E330. Approved for use in New York City, MEA# 151-91-M