

SPECIFICATION SHEETS



PRODUCT NAME:	1" Clear Inferno-Lite® FRP-4540	
PRODUCT CODE:	FRP-4540	
PERFORMANCE TESTING:	Fire Rating:	UL Labeled for 3/4 hour in 1 hour rated masonry and door openings. UL File # KCMZ.R1 3833
	Attack Resistance:	ASTM F-1 915 Grade 2, 40 minute containment rated HP White Level IV – TP-0500.03 WMFL Level III – 30 minutes physical attack
CONSTRUCTION:	1/4" Wire Glass .050" Urethane 1/4" Polycarbonate .025" Urethane 1/8" polycarbonate .050" Urethane 1/4" Wire Glass	
THICKNESS:	1" Nominal (1.01")	
THICKNESS TOLERANCE:	921" / 1.108"	
WEIGHT:	10.81 Lbs. / Square Foot	
MAXIMUM SIZE:	1296 square inches of clear opening No width or height dimension to exceed 42".	
APPLICABLE STANDARDS:	ANSI Z97.1 CPSC 16 CFR 1201 (Category I and II) ASTM C 1036	ASTM C 1349 UL 9 UL 10B
SINGLE RESPONSIBILITY:	Global Security Glazing products are covered by our Single Responsibility® Program that ensures one firm has handled and is accountable for all phases of manufacturing.	
INSTALLATION:	<p>All glazing to be installed with UL classified Metacaulk 950 or Blazeseal joint treatment as manufactured by Metalines, Inc. to maintain UL label requirements. For general glazing guidelines refer to the Glass Association of North America (GANA) Glazing Manual 2004 or latest edition. See Global Security Glazing (Glazing Guidelines) for further information.</p> <p>Note: FRP-4540 is manufactured with two plies of wire glass which are impossible to align perfectly. Visibility may be obscured to some degree. FRP-4540 is only available in clear glazing.</p> <p>CAUTION: FRP products containing wire glass are intended for interior use only as breakage may occur due to thermal stress.</p>	