

# WireLite<sup>®</sup> NT

## FIRE-RATED • SAFETY-RATED • WIRED GLASS

Wirelite<sup>®</sup> NT is a nominal 1/4" (6 mm) thick fire-rated and impact safety-rated glazing material composed of wired glass and surface-applied fire-rated film. It is listed for use in doors, sidelites, transoms and borrowed lites with fire rating requirements for 20, 45, 60 and 90 minutes.

### FEATURES

- Fire-rated for 20, 45, 60 and 90 minutes with required hose stream test
- Impact safety-rated meets ANSI Z97.1 and CPSC 16CFR1201 (Cat. I and II)
- Wired glass with high performance surface-applied fire-rated film
- Available in Diamond Clear (3/4" pattern) and Georgian Clear (1/2" pattern)
- Available as an insulated glass unit (IGU)
- Withstands thermal shock
- Passes positive pressure test standards UL 10C, UBC 7-2 and UBC 7-4
- Fits in Designer Series Fireframes<sup>®</sup> from McGrory, or standard fire-rated frames
- 3-year limited warranty\*

### GENERAL CHARACTERISTICS

- **Thickness:** Nominal 1/4" (6 mm) overall
- **Weight:** 3 lb/ft<sup>2</sup>
- **Approx. Visible Transmission:** 77%
- **Fire Rating:** 20, 45, 60, and 90 minutes
- **Impact Safety Rating:** Meets ANSI Z97.1 and CPSC 16CFR 1201 (Cat. I and II)

### SPECIFICATIONS

All glass designated on the drawings as fire-rated and impact safety-rated shall be nominal 1 / 4" (6 mm) thick Wirelite<sup>®</sup> NT supplied by McGrory Glass.

Please contact McGrory Glass for more information.

### STORAGE & HANDLING

Inspect each piece of Wirelite<sup>®</sup> NT immediately before installation and eliminate any with observable edge damage or face imperfections. Wirelite<sup>®</sup> must be handled with care during transportation, storage, inspection and installation. Store in a dry place.

### INSTALLATION

Wirelite<sup>®</sup> NT shall be glazed into the appropriate fire-rated framing with an approved glazing compound (pure silicone, closed cell PVC tape, or DAP 33 putty) as supplied by the installer. For sizes larger than 1, 296 in<sup>2</sup> or 54" in one dimension (noted in the size schedule for standard sizes), Wirelite<sup>®</sup> NT shall be glazed with Pemko FG3000<sup>™</sup> as supplied by the installer.

### NOTE

This product is not a barrier to radiant heat, as it does not meet test standards ASTM E-119 or UL 263.

If your jurisdiction requires a "barrier to heat" product, please contact McGrory Glass regarding Pilkington Pyrostop<sup>®</sup>

### SINGLE SOURCE GLASS SOLUTIONS

- Luxar<sup>®</sup> Anti-Reflective Glass
- Corning<sup>®</sup> Med-X<sup>®</sup> X-Ray Shielding Glass
- Vitrealspecci Madras<sup>®</sup> Italian Etched Glass
- ElectraView<sup>™</sup> Switchable Privacy Glass
- Doors & Entrance Systems
- Decorative & Architectural Glass

### GET IN TOUCH

Request a quote, library sample, or speak to a specialist:

800-220-3749  
fire@mcgrory.com  
mcgrory.com

# WireLite<sup>®</sup>NT

## LABELING

Each piece of Wirelite<sup>®</sup>NT shall be permanently labeled with the Wirelite<sup>®</sup>NT logo, UL logo and fire rating.

## LISTINGS

Classified and labeled by Underwriters Laboratories, Inc.<sup>®</sup> and Underwriters Laboratories of Canada. File number for labeled fire-rated assemblies is UL File No. R13377. Tests performed in accordance with: UL 9, UL 10B, UL 10C, NFPA 80, NFPA 252, NFPA 257, CAN4 S-104, CAN4 S-106, LARR 25798

RATING	ASSEMBLY	MAX. EXPOSED AREA (IN <sup>2</sup> /FT <sup>2</sup> )	MAX. WIDTH OF EXPOSED GLAZING (IN.)	MAX. HEIGHT OF EXPOSED GLAZING (IN.)
20 min.	Doors (non-temp rise)	3,289/22.84	34-3/4	92
45 min.	Doors (non-temp rise) Other than doors	1,296/9	54	54
60-90 min.	Doors	100/.69	10	33

## SIZES WHEN GLAZED WITH PEMKO FG3000™

RATING	ASSEMBLY	MAX. EXPOSED AREA (IN <sup>2</sup> /FT <sup>2</sup> )	MAX. WIDTH OF EXPOSED GLAZING (IN.)	MAX. HEIGHT OF EXPOSED GLAZING (IN.)
45 min.	Doors (non-temp rise)	2,856/19.83	34	84
	Other than doors	4,608/32	100	100
60 min.	Wood Door (non-temp rise)	960/6.66	12	80
90 min.	Doors (non-temp rise)	552/3.83	12	46

*Note: Individual lite sizes cannot exceed "Max. Exposed Area" shown above.*

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