



This Patented Glass meets IBC 2012 CAT II Human Impact Safety Standards Plus Carries a 20-90 Minute Fire Rating

### WS SPECIFICATIONS:

|                             |   |
|-----------------------------|---|
| <b>Description:</b>         | Annealed single glazing with safety film applied to one side & embedded 3/4 x 3/4" wire mesh. |
| <b>Thickness:</b>           | 1/4" (6 mm)   |
| <b>Weight:</b>              | 3.0 lbs/sq. ft.   |
| <b>Light Transmission:</b>  | 86% approx.   |
| <b>Sound Transmission:</b>  | STC 28  |
| <b>Film:</b>                | 7 mil Safety Film   |
| <b>Fabricated:</b>          | USA   |
| <b>Warranty:</b>            | 10 year limited warranty  |
| <b>Select Wire Pattern:</b> | <input type="checkbox"/> Diamond (diagonal) <input type="checkbox"/> Baroque (horizontal)     |
| <b>Size:</b>                | Minimum 4" x 4", max. sheet size 57" x 99"  |

### LABELING:



Each lite of WireShield will be permanently labeled, in accordance with NFPA 80, with the product and manufacturer's name, testing laboratory, fire rating and safety rating. See example of label above. **Most Glass is UL Labeled. WHI Labeling from CA by Request.**

### LISTINGS & RATINGS:

Fire and Safety Rating listed and tested with ITS (Warnock Hersey), or Underwriters Laboratory, nationally-recognized testing laboratories (NRTL) approved by OSHA, and meets the following standards:

**Tested in accordance with:** UL 9, UL 10B, UL 10C; NFPA 80, NFPA 252, NFPA 257; ASTM E2074, E152, E163, E2010-01; ULC CAN4-S104 & CAN4-S106.

**Listing:** Up to 90 minutes with hose stream test.

**Impact Safety Rating:** CPSC 16CFR 1201 (CAT I & II)

**Positive Pressure Rating:** UL10C

**Patent#:** 7090906

### INSTALLATION:

Use glazing compound or glazing tape on both sides of glass, install in an appropriately-listed and labeled vision frame. Certain optical and visual imperfections are inherent in the production process. These characteristics may be evaluated according to the manufacturer's quality standards but do not impair the transparency or affect the performance of the glass in case of fire, and shall not be considered cause for rejection.

**Air Louvers frames for VLF, VLFEZ, VSL (Slimline)**

| Assembly                        | Time Rating (minute) | Maximum Exposed Area  | Maximum Width* | Maximum Height* | Building Code Marking |
|---------------------------------|----------------------|-----------------------|----------------|-----------------|-----------------------|
| Doors - Steel                   | 20                   | 3,289 in <sup>2</sup> | 36"            | 92"             | D-NH-T-90             |
| Doors - Wood                    | 20                   | 2,856 in <sup>2</sup> | 36"            | 84"             | D-NH-T-90             |
| Sidelites                       | 20                   | 4,608 in <sup>2</sup> | 86"            | 99"             | OH-90                 |
| Transoms                        | 20-45                | 3,456 in <sup>2</sup> | 96"            | 36"             | OH-90                 |
| Doors - Steel                   | 45                   | 2,856 in <sup>2</sup> | 34"            | 84"             | D-NH-T-90             |
| Doors - Wood                    | 45                   | 1,296 in <sup>2</sup> | 36"            | 54"             | D-NH-T-90             |
| Sidelites/Windows               | 45                   | 4,608 in <sup>2</sup> | 99"            | 99"             | OH-90                 |
| Doors - Wood                    | 60                   | 960 in <sup>2</sup>   | 12"            | 80"             | D-NH-T-90             |
| Doors - Steel                   | 60-90                | 552 in <sup>2</sup>   | 12"            | 46"             | D-NH-T-90             |
| Doors Steel or Wood - Temp Rise | 60-90                | 100 in <sup>2</sup>   | 10"            | 33"             | D-NH-T-90             |

\* Please note that combined height and width cannot exceed the maximum exposed area measurement.

### STOCK ITEM - THIS ITEM IN STOCK FOR NEXT DAY SHIPMENT IN MANY STANDARD SIZES FROM CA AND MN WAREHOUSES

**Order Format:** WS \_\_\_\_ (W) \_\_\_\_ (H) Example: WS1212 **Note: Order Size is Actual Glass Size**

Interpretation of Fire and Building Codes May Vary. Consult with the Local Authority Having Jurisdiction (AHJ) to determine appropriate standards.

|  |                     |   |
|--|---------------------|---|
|  | <b>Distributor:</b> | <b>Width: ____ x Height: ____</b>                   |
|  | <b>Architect:</b>   | <b>Quantity:</b>                                    |
|  | <b>Contractor:</b>  | <b>Fire Rating: ____ 20 ____ 45 ____ 60 ____ 90</b> |
|  | <b>Project:</b>     | <b>Date: _____ Version: ALPDS0313</b>               |
| <p>800-554-6077 <a href="mailto:QUOTES@ACTIVARCPG.COM">QUOTES@ACTIVARCPG.COM</a> <a href="mailto:ORDERS@ACTIVARCPG.COM">ORDERS@ACTIVARCPG.COM</a> <a href="mailto:SALES@AIRLOUVERS.COM">SALES@AIRLOUVERS.COM</a> FAX: 952-835-2218</p> <p>Visit <a href="http://WWW.ACTIVARCPG.COM">WWW.ACTIVARCPG.COM</a> FOR THE MOST UPDATED PRODUCT INFORMATION • AN ACTIVAR CONSTRUCTION PRODUCTS COMPANY</p> <p>MFG: COMMERCE CA, BLOOMINGTON, MN • WAREHOUSES: LANCASTER PA, ATLANTA GA, CHICAGO IL, SEATTLE WA, FORT MYERS FL, DALLAS TX</p> |                     |   |