GERANIUM STREET USA, INC.

# Vallum FRX | Fire-Rated Living Wall System

Specification Cut Sheet - for AHJ, architect, and contractor review

## System Overview

Assembly-tested artificial living wall system: substrate, foliage, and mounting hardware pass NFPA 701 Method 2 as a unified assembly (independent laboratory). No irrigation, waterproofing, or growing medium required. Z-clip rail installation at approximately 200 sq ft per day for a two-person crew.

## Key Performance

**Fire test** NFPA 701 Method 2 pass - assembly-level, independent lab

**Wind load** Engineered for 3

## Component Materials

| Component | Material | Standard | Notes |
|---|---|---|---|
| Backing panel | 6061-T6 aluminum | ASTM B209 | Powder-coated, non-combustible |
| Mounting rail | 16-ga galvanized steel | ASTM A653 | Z-clip interlocking, seismic rated |
| Foliage matrix | PE / LDPE polymer blend | NFPA 701 Method 2 | Factory secured, UV-stabilized |
| Fasteners | 304 stainless steel | ASTM F593 | Corrosion-resistant |
| Edge trim | Extruded aluminum | ASTM B221 | Color-matched, snap-fit |
| Sealant | Silicone-based, neutral cure | ASTM C920 | UV-resistant, non-staining |

## Documentation Available on Request

Three-document AHJ review pack: (1) NFPA 701 Method 2 test documentation, (2) product specification sheets, (3) plain-language compliance summary. Request at geraniumstreet.com/fire-documentation-pack - emailed within one business day. Documentation applies to applicable fire-rated product configurations; it supports the review process, and final approval rests with your venue, landlord, insurer, or Authority Having Jurisdiction.

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