

Fairview Architectural

Vitraplate® Installation Instructions

1 Installation

- 1.1 Installation shall comply with the approved construction documents, the manufacturer installation instructions, this TER 2312-08 and the applicable building code.
- 1.2 In the event of a conflict between the manufacturer installation instructions and this report, the more restrictive shall govern.
- 1.3 *Installation Procedure*
 - 1.3.1 According to the manufacturer installation instructions, Vitraplate Cladding Panels must be installed using the Arrowhead Panel System.
 - 1.3.2 Component parts observed to be defective in any way, including warped, bowed, dented, abraded, and broken members, must not be installed. Members or parts that have been damaged during installation or thereafter, before substantial completion of the project, shall be removed and replaced.
 - 1.3.3 No cutting, trimming, welding, or brazing of components, which could in any way damage the finish, decrease the strength, or result in visual imperfections or failure in performance shall be executed during installation.
 - 1.3.4 Components that require alteration shall be returned to the fabricator. If necessary, replace with new components.
 - 1.3.5 *Tolerances:*
 - 1.3.5.1 All components shall be installed visually flat, level, and true to line with uniform joints and reveals.
 - 1.3.5.2 Maximum deviation for vertical members is $\frac{1}{8}$ " over 18' and $\frac{1}{4}$ " over 40'.
 - 1.3.5.3 Maximum deviation for horizontal members is $\frac{1}{8}$ " over 30'.
 - 1.3.6 Anchorage of the cladding substructure to the building structure shall be by approved methods in strict accordance with the specified and approved shop and/or installation drawings. Supporting brackets shall be designed to provide three-dimensional adjustments and accurate location of wall components.
 - 1.3.7 All joints between panels shall be set at widths as shown on the drawings with tolerance of $\pm\frac{1}{16}$ ". No two adjacent or perpendicular joints shall have a difference in width of more than $\frac{1}{8}$ ". In addition, the tolerance between adjacent panels across any joint shall not exceed $\frac{1}{16}$ " locally.
 - 1.3.8 *Repairs:*
 - 1.3.8.1 Repair panels with minor damage so those repairs are not discernable at a distance of 120" (10 ft. or 3.1 m).
 - 1.3.8.2 Remove and replace panels damaged beyond repair per panel system replacement instructions.
 - 1.3.8.3 Remove protective film immediately after installation of panels to avoid prolonged exposure to sunlight.
 - 1.3.8.4 Remove from project site: Damaged panels, protective film, and other debris attributable to work of this section.
 - 1.3.9 *Protection:*
 - 1.3.9.1 *Final Cleaning:*
 - 1.3.9.1.1 When installation is complete, remove extraneous matter and marks off the façade components in a manner that leaves the completed installation free of any streaking, spotting, or non-uniform appearance.
 - 1.3.9.2 *Protection:*
 - 1.3.9.2.1 Protect as necessary and leave the finished work undamaged on completion.
 - 1.3.9.3 Panels shall be stored in well-ventilated space and out of direct sunlight.