



TrendWall Clear Product Specifications

UPDATED

January 23, 2012

PART 1 - GENERAL

1.01 SECTION INCLUDES

This specification defines the TrendWall Clear floor-to-ceiling glass wall system, which is designed to provide enclosed office spaces in an open plan environment and the ability to modify or reconfigure the office space to meet changing office requirements. The system consists of aluminum framing elements (horizontal and vertical), glass inserts and integrated doors.

1.02 REFERENCES

- A. ASTM E90-90 / ASTM E413-04: Acoustical Sound Transmission Class for Demountable Wall Systems
- B. International Organization for Standardization (ISO)
- C. CarbonNeutral®

1.03 SYSTEM DESCRIPTION

- A. The system shall be for interior, non-load bearing wall applications and fully relocatable. The system shall allow frameless glass runs of at least 25' and shall allow frameless corners to provide the maximum unobstructed view. The system shall consist of three main components:
 - 1. Framing Elements: All vertical and horizontal framing elements shall be made of 6063-T6 extruded aluminum. Required elements are:
 - a. Upper Beam: The upper load beam shall feature a tools free method for retaining the glass in position so that power tools are not necessary to install the glass inserts
 - b. Lower Beam: Lower load beams shall allow for multi-stage leveling
 - c. Vertical Posts: Shall include the following profiles and have the ability to accommodate modular power.
 - i Hardwall Transition
 - ii 3-way
 - iii 90 Degree
 - iv End of Run
 - v In Line
 - 2. Inserts: All glass inserts shall ½" thick and available in at least three standard colors. In addition glass inserts shall fully polished and beveled on all edges. Glass inserts shall also be able to specified in no miter (in-line butt glass conditions) single bevel and double bevel for the greatest amount of design flexibility.
 - 3. Doors Sections:
 - a. Doors shall be available as both sliding and pivot.
 - b. Sliding doors shall be available in an 1.75" framed full light or flush door.
 - c. Pivot doors shall hold open both into and out of the office and must self close to the zero position.
- B. Design and Performance Requirements:

1. Acoustics - The system's solid panel unit shall produce a minimum sound transmission class (STC) of 36 per ASTM E90-04 / E413-04
2. Sustainability: The system's manufacturer shall be certified CarbonNeutral® by the CarbonNeutral® company per the WBCSD-WRI GHG protocol.
3. The system shall provide no less than 2" of overall leveling capability
4. The system shall incorporate a glass retention system that does not require the use of tools to secure the glass.

1.04 SUBMITTALS

- A. Upon receipt of customer's floor plan and completed TrendWall Clear Request for Quotation (RFQ) Form, Trendway shall create a computer-generated (CAD) floor plan of the desired TrendWall office for customer's approval.
- B. Upon approval of the TrendWall Clear CAD drawing and submission of a corresponding purchase order, the product shall be built to the exact approved specifications of the customer.

1.05 QUALITY ASSURANCE

- A. The specified TrendWall panel system shall be designed, developed, manufactured, inspected, tested, installed and serviced in accordance with ISO9001 Standards and the manufacturer shall be a registered ISO company.

1.06 DELIVERY, STORAGE AND HANDLING

- A. Packing, Shipping, Handling, and Unloading:
 1. TrendWall Clear products shall be packaged in the Trendway factory by the best means as determined by Trendway's packaging engineer.
 2. All orders shipped to any destination within the contiguous United States, shall be F.O.B. origin, freight prepaid, and risk of loss or damage shall pass to Buyer upon delivery to carrier. Trendway shall determine the method and agency of transportation to be used.
 3. Customer-directed or expedited shipments (Air Freight, Federal Express, etc.) shall be prepaid and billed at actual cost.
 4. An "Order" is defined as each purchase order issued with a single "shipped to" address without special marking or tagging.
- B. Acceptance at Site:

1. In the event that special F.O.B. destination terms are agreed to by Trendway or delivery is made on Trendway owned or leased carriers, the customer or authorized representative is responsible for noting any freight damage or shortage on the freight bill of lading at time of delivery and must notify Trendway within five (5) days of delivery day of any such damage or shortage.
2. Assistance in a concealed damage claim on an F.O.B. destination shipment will be provided by Trendway only if the product has been immediately unpacked and both the carrier and Trendway have been promptly notified of resultant damage so the proper inspection can be made.

C. Storage and Protection:

1. When the buyer delays shipment, Trendway reserves the right to place the goods in storage at customer's risk and cost.
2. All terms and conditions of the sale including but not limited to invoicing and payment, will continue as if the product had been shipped to a Buyer specified destination; except that title remains with Trendway and that Trendway reserves the right to modify payment terms to assure recovery of any additional cost incurred.

1.07 PROJECT/SITE CONDITIONS

A. Environmental Requirements and Existing Conditions:

1. The installation site shall be clear and ready for TrendWall installation
2. Finished floor shall be completely installed and ready for traffic prior to beginning the TrendWall Clear installation
3. Finished Ceiling:
 - a. If attaching to a Drywall ceiling / soffit, the surface must be completely prepped and finished.
 - b. If attaching to a drop ceiling, the structural grid must be completed prior to the installation of the TrendWall crown.

1.08 SEQUENCING AND SCHEDULING

For Installation Sequencing and Scheduling, refer to the Trendway Installation Guide for TrendWall Clear System or contact Trendway Customer Service.

1.09 WARRANTY

For complete Warranty description, contact Trendway Customer Service.

1.10 MAINTENANCE

For proper maintenance of Trendway products, contact Trendway Customer Service for appropriate literature and/or instructions.

PART 2 - PRODUCT

2.01 MANUFACTURER

Trendway Corporation
13467 Quincy Street
Holland, MI, 49424
616.399.3900

2.02 MATERIALS

- A. All TrendWall Clear Framing Elements shall be:
 - 1. Made from anodized grade aluminum that can either be anodized or powder coated.
 - 2. Fully Assembled, ready to be cut to length and installed
 - 3. Include extruded PVC glass seals
 - 4.
- B. Glass Inserts shall be ½" tempered glass; available in one of three standard finishes:
 - 1. Industry Standard Clear Tempered
 - 2. Low – Iron, Ultra Clear tempered
 - 3. Mattalux Frosted Tempered
- C. Doors Slabs shall be constructed in the following manner:
 - 1. Frameless Pivot Doors shall be manufactured from ½" solid glass in one of the following finishes:
 - a. Industry Standard Clear Tempered
 - b. Low – Iron, Ultra Clear tempered
 - c. Mattalux Frosted Tempered
 - 2. Framed / Flush Sliding doors shall be made from:
 - a. Finger Jointed Pine stiles and rails
 - b. LDF solid core interior
 - c. MDF skins, laminated with veneer, finished to factory standards

2.04 FINISHES

- A. All aluminum surfaces shall be powdered coated in one of 18 Trendway standard trim colors or anodized in Trendway's Satin Etch Finish. Reference Trendway's Surface Material Guide for details

- B. All 1.75" sliding doors shall be stained to match one of Trendway's 5 standard veneer colors.

PART 3 - EXECUTION

3.01 EXAMINATION/INSPECTION

Before installing the TrendWall Clear Glass Wall system, a re-inspection of the installation site shall be made by the contractor to re-verify vital information used to specify the initial product required, such as ceiling height, floor conditions, and other physical characteristics that can affect an installation.

3.02 INSTALLATION

A. Five basic steps comprise the TrendWall installation process:

1. Upper Load Beam Installation
2. Hardwall Transition Post Installation
3. All other vertical post installation
4. Lower Load Beam
5. Glass Insert Installation
6. Door Installation
7. Load Beam (Upper and Lower) Covers

B. For a detailed description of each process step, refer the Trendwall Planning & Specification Guide or contact Customer Service.