Altempco Structural Glass Wall Systems

Altempco Glass (a division of Hollman, Inc.) is a leading manufacturer of structural glass wall systems, specializing in view walls for racquetball, handball, and squash court applications.

Since 1983, Altempco has been providing glass walls of exceptional quality, as well as superior customer service to athletic clubs, colleges and universities, and other recreational facilities worldwide. Our technical expertise and emphasis on client satisfaction are second to none. It’s no wonder that Altempco has become the clear choice for structural glass needs.

Altempco, The Clear Choice in Structural Glass Wall Systems

Texas Woman’s University, Denton, Texas

Visit our web site at www.hollman.com!
Doors and Door Hardware
All standard glass doors are 3' 0" x 7' 0" (914mm x 2134mm) and are designed for easy access to courts. They have a flush-mounted pull-ring handle on the court side and a lever with a positive self-latching bolt on the viewing side. All hardware fittings used in the installation of the glass wall systems are manufactured of high tensile polyurethane. The side-hinged doors feature upper and lower stops to eliminate any chance for trapped fingers and limit deflection upon impact. The Altempco wall systems have no glass-to-glass or glass-to-metal contact anywhere in the entire system.

Rigorous Testing With an Emphasis on Safety
Altempco structural glass walls are pre-engineered and designed to withstand very high loading criteria. In the rare event of failure, the tempered glass panel or fin which is affected will fracture into innumerable small pieces, reducing the possibility of serious injury upon impact. Altempco glass walls meet and/or exceed the BOCA requirements as tested in accordance with CPSC 16 CFR part 1201. Documented evidence is available upon request.

A Total Package Deal
Altempco Glass provides worldwide distribution of its glass products. Walls are erected quickly using conventional handling equipment.

When the Altempco products are packaged with other materials manufactured and installed by Hollman, Inc. you create a total package. No other company can provide such a service with over 40 years combined expertise in the industry. Hollman and Altempco, names to remember.

A Visible Improvement to Your Facility
When you install Altempco structural glass walls as backwalls and sidewalls in your racquetball, handball, and squash courts, you’ll notice a visible improvement. Interest and participation in these sports will increase, thus, adding a higher level of excitement and a more active social atmosphere to your club environment. Altempco’s aesthetically pleasing glass walls also provide a more open and attractive club design. Architects and owners alike are finding that structural glass wall systems create the effect of spaciousness when used between gymnasiums, aerobic areas, entryways, etc.

State-of-the-Art Construction and Materials
The combination of modern tempering with structural glass wall engineering makes the Altempco glass wall system truly state-of-the-art. Our wall system consists of tempered glass, high tensile polyurethane hardware, anchoring systems, and glass doors. Together, these materials create an integral unit that distributes stresses, minimizes deflection and vibration, and provides true rebound and response on the playing surface of the glass.
### Rough Framing Dimensions

**Length** – 40’ 2” (12.24m) from the face of the front wall studs to the face of the opposing rear wall studs.

**Width** – 20’ 1 3⁄4” (6.14m) from the face of the left side wall studs to the face of the opposing right side wall studs.

**Height** – 20’ 3 1⁄4” (6.16m) from the low point in the concrete slab to the bottom of the joist. This dimension utilizes the standard floor height of 2 5⁄8”. If another floor height is utilized, contact our office.

### International Squash

**Dimensions**

- **Length** – 21’ 0” x 32’ 0” x 20’ 0” (6.40m x 9.75m x 6.09m)
- **Width** – 21’ 2 1⁄4” (6.46m) from the face of the left side wall studs to the face of the opposing right side wall studs.
- **Height** – We recommend a finished court height of 20’ 0” (6.09m) with court wall markings at regulation heights.

### Racquetball Handball

**Dimensions**

- **Length** – 40’ 2” (12.24m) from the face of the front wall studs to the face of the opposing rear wall studs.
- **Width** – 20’ 1 3⁄4” (6.14m) from the face of the left side wall studs to the face of the opposing right side wall studs.
- **Height** – 20’ 3 1⁄4” (6.16m) from the low point in the concrete slab to the bottom of the joist. This dimension utilizes the standard floor height of 2 5⁄8”. If another floor height is utilized, contact our office.

### Hollman’s承诺

Hollman’s commitment to provide world-class squash, racquetball, and handball courts has made us an industry leader. We market, manufacture, and install our own panels and glass systems with every step subject to total in-house quality control.

Hollman’s panels can be applied against the most common types of framework: steel studs, wood studs, and/or steel or wood furring. The panels are set in place with PL400 adhesive and screwed through the base of the top tongue which pulls each panel tight and flush against the framing members. This ensures the smoothest playing surface and the tightest seam fits possible. We stagger each row of panels to create the interlocking design that is the Hollman trademark of quality. We support this first class system with a manufacturer’s 10-year warranty.

Our tournament tested courts are accepted and approved by the American Amateur Racquetball Association, the United States Handball Association, and the World Squash Federation.

Due to the durability and reputation of our panels, the Hollman panels may also be used as indoor soccer dasher boards, gymnasium wall finishes, and multi-purpose room finishes. The panels are available in an array of colors and patterns. 

**Hollman, a name to remember.**

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**800-433-3630**  Generic shop drawings available upon request.  **WWW.HOLLMAN.COM**
SECTION 13032
PART ONE—GENERAL

1.01 SCOPE OF WORK
Provide material, labor, equipment and services necessary to finish, deliver and install all work of this section as shown on the drawings, as specified, but not limited to, the following:

A. All glass walls, including doors and court windows.
B. All hardware, anchors and related items described in this section.

1.02 QUALITY ASSURANCE
A. The approved manufacturer is Altempco Glass (a division of Hollman, Inc.).

1.03 WARRANTY
All glass walls shall be structurally sound and free from defects in material and workmanship under normal use and service for a period of five (5) years after the date of delivery of the wall and hardware to the purchaser.

PART TWO—PRODUCTS

2.01 PERFORMANCE REQUIREMENTS
A. Glass walls shall provide unrestricted observation of the sports activity with complete safety. The tempered glass panels, mullions, jamb system, anchoring system, glass doors, hardware, etc. shall be engineered to act as an integral unit when subjected to impact from ball or player. This distributes the impact to the side and rear walls.

2.02 MATERIALS
A. Glass
1. All glass shall be fully tempered 1/2" thick safety glass manufactured by a horizontal process.
2. The tempered glass shall meet, at the time of purchase, the current MFMA recommended procedures.

2.03 INSTALLATION
A. Installation of glass walls shall be performed by a qualified installer. Installer shall be responsible for providing interface coordination between work specified hereunder and the work of other trades.
B. Install walls, doors and related work using experienced workmen as specified and detailed on the drawings.
C. Set walls plumb, level, square and true and securely anchored in place, with all joints siliconed smooth. Provide all anchors, clips and fasteners and accessories for complete installation.

2.04 LIGHTING
A. Type: Precision tongue-and-groove.
B. Recessed/Handball: 11/8" thick front walls, 7/8" thick side and rear walls, and 9/16" thick ceilings.
C. Squash: 11/8" thick front, side, and rear walls.
D. Size: 48" by 96".
E. Density: 55' per cubic foot. High pressure laminate shall be .050" in thickness.
F. Connections: PL-400 or equivalent construction adhesive and special screws.

2.05 DOORS
A. A 1 3/4" solid core wood door manufactured by Hollman, Inc. with matching color laminate on both sides.
B. A 1/2" thick tempered glass door manufactured by Altempco Glass (a division of Hollman, Inc.) with matching finish on both sides of wood frame.

2.06 LIGHTING
A. Metal halide or fluorescent light fixtures are available.

2.07 INSULATION (OPTIONAL)
Suitable insulation to be inserted between the framing members on the walls as specified by owner/general contractor.

2.08 GLASS
Tempered glass viewing windows, walls, and doors as manufactured by Altempco Glass (a division of Hollman, Inc.). Glass is 1/2" thick and BOCA tested meeting all structural and building code regulations.

2.09 ACCESSORIES
A. Goody Boxes: Valuable storage boxes as manufactured by Hollman, Inc.
B. Wallyball Kits: Wallyball kits available include ball, net, mounting hardware, and rule book.

PART THREE—EXECUTION

3.01 PREPARATION
A. Installation of glass walls shall be performed by a qualified installer. Installer shall be responsible for providing interface coordination between work specified hereunder and the work of other trades.
B. Install walls, doors and related work using experienced workmen as specified and detailed on the drawings.
C. Set walls plumb, level, square and true and securely anchored in place, with all joints siliconed smooth. Provide all anchors, clips and fasteners and accessories for complete installation.

3.02 PANELS
A. Type: Precision tongue-and-groove.
B. Recessed/Handball: 11/8" thick front walls, 7/8" thick side and rear walls, and 9/16" thick ceilings.
C. Squash: 11/8" thick front, side, and rear walls.
D. Size: 48" by 96".
E. Density: 55' per cubic foot. High pressure laminate shall be .050" in thickness.
F. Connections: PL-400 or equivalent construction adhesive and special screws.

3.03 GALVANIZED STEEL OR P.T. WOOD FRAMING
A. Recessed/Handball Walls: 6" x 18 go studs spaced 12" o.c. on the front walls and 16" o.c. on the side and rear walls.
B. Squash Walls: 6" x 18 go studs spaced 10" o.c. on the front walls and 12" o.c. on the side and rear walls.