

ALTEMPCO SPECIFICATIONS

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:

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

Quality Assurance

- The approved manufacturer is Altempco Glass (a division of Hollman, Inc.)
HOLLMAN, INC. 1825 WALNUT HILL LANE IRVING, TEXAS 75038
- Glass wall systems by manufacturers other than the one approved must submit sufficient data to enable approval to be given. As a minimum: design calculations, test results, installation instructions and list of prior installations shall be required

Performance Requirements

Glass walls shall provide unrestricted observation of the sports activity with complete safety. The tempered glass panels, mullions, jointing 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 and reduces stresses, minimizes deflection, vibration or damage, and provides true rebound of the ball. Glass walls meet or exceed BOCA requirements as tested in accordance with CPSC 16 CFR part 1201 with documented evidence to show compliance.

Materials

Glass

- All glass shall be fully tempered 1/2" thick safety glass manufactured by a horizontal process.
- The tempered glass shall meet, at the time of installation, quality and strength requirements of Federal Specification ASTM C-1036 and ASTM C-1048 and the safety criteria of CPSC 16 CFR 1201 and ANSI Z97.1-1984.
- All exposed edges shall be polished.

Fittings

- Glass connection fittings shall be of a high-tensile polyurethane, black in color.
- Fin base angles are chromed steel; size: 11-1/2" x 2-1/2" x 2-1/2" x 1/4" (292 x 64 x 64 x 6mm).
- Concrete anchor bolts; size: 1/2" x 3-3/4" (13 x 95mm).

- Fasteners through glass are made of steel, black in color.
- Countersinks in glass are made of nylon, black in color.
- Aluminum channels are clear anodized; size: 1" x 1" x 1/8" (25 x 25 x 3mm).
- Aluminum angles are clear anodized; size: 2-1/2" x 3" x 1/8" (64 x 76 x 3mm).

Door Hardware

- Door shall be locked by means of a positive locking system with a lever on the exterior and flush ring pull on the interior.
- Lock housing to be clear anodized finish.
- Side-mounting hinges to be used on all wall installations.

Sealants

All silicone shall be a clear high modulus, acetoxy construction-grade silicone.

Markings

Rear walls to have a permanent marking of lead-free white ceramic frit lines being 1" on center, 30" high, with a width of 1/8".

Preparation

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

Standard Sizes

Racquetball

20'0" wide x 8'0" high (6.1 m x 2.44m)

20'0" wide x 12'0" high (6.1m x 3.66m)

Squash

American: 18'6" wide x 6'6" high (5.64m x 1.98m)

International: 21'0" wide x 7'0" high (6.4m x 2.13m)

World Squash Federation (WSF) Approved and Certified

Also Available

20'0" wide x 20'0" high (6.1 m x 6.1 m)

40'0" wide x 20'0" high (12.2m x 6.1 m)

View windows

Glass balustrades

Glass doors
Structural walls
Custom size windows and walls

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.