landings
specifications

ARCONAS®

exceptional public seating

5700 Keaton Crescent | Mississauga, Ontario | Canada | L5R 3H5 | 1-800-387-9496 | www.arconas.com

OVERVIEW

LANDINGS LOUNGE - Beam Mounted seating offers:

- a unique concept in steel
- a strong statement in design
- a rugged structure in function

LANDINGS is ergonomically contoured for remarkable comfort.

LANDINGS is available in single side units from two to five seat places, or in double sided (back-to-back) units of two to five seat places per side. End tables and intermediate tables are available for both single row or back-to-back type mounted with the use of concealed connectors.

LANDINGS units may be joined to form virtually unlimited rows of seat places. The tubular steel frame may be free standing, floor mounted (internal concealed floor connection) or wall mounted in single rows.

With a minimum of floor contact points, LANDINGS can support 5 seats on only 4 legs - a bonus in terms of cleaning and providing a clear view of the underside for security.

LANDINGS is available in environmentally sensitive electro-statically applied powder coatings in a wide range of colors.

LANDINGS benches provide durable, attractive provision indoor or outdoor with the addition of zinc plating. Provides vandal resistance with it's ability to connect to the floor.

FEATURES

FRAMES

LANDINGS LOUNGE frames are constructed of 2 ½ in. (63mm) diameter steel tubing of 10 gauge (3mm) minimum thickness supported front and rear on 1 ¾ in. (45mm) tubing of 14 gauge (1.9mm) steel appropriately formed and welded to provide maximum support with no exposed weld conditions. Rear legs are connected to the beams by means of 3/8" (9mm) diameter bolts connected through a hole in the top through a reinforcement in the beam into a welded nut in the shaped top of the rear leg. The front legs are formed and then welded to a plate shaped to the contour of the beam for connection from the inner side for concealment. Cross-members of 2 5/8 in. (16mm) diameter solid bars welded internally to end caps provide a clean attractive finish. An alternative cross member may be specified which is an oval aluminium extrusion 5/8" x 2 ½ " 16mm x 64mm) connected internally to weldments on the legs.

SEATS AND BENCHES

Seats and benches are constructed of 12 gauge (2.7mm) H.R. P & O steel. The upholstered pads are in HR molded foam of 3.5 lb./cu. ft. density to the specifications listed below molded directly onto steel pans before covering with the specified fabric. Seat and back pads are held in place with stainless steel hex socket head screws for vandal resistance but are easily removed with supplied tools.

Foam Specifications: The metal base pans are inserted into the mold which is made to the exact shape of the seat and back pans and injected with CFC-Free, Fire Resistant, Cold Cured, high resiliency foam to the following specifications –

The urethane is reactively formed with an I.L.D. rating of 27/34lbs. and a density of 3.5/lbs/cu. ft. It shall exhibit the following ratings.

Compression Set:	5 at 80% max. and 10 at 90% max.
Tear Strength;	0.75 PPI
Hysterisis Loss:	22% maximum
Tensile Strength:	10 PSI
Minimum compression	Modiolus 2.2 lbs.

TABLE TOPS

Table tops are constructed of 12 gauge (2.7mm) CRS steel. Two 6.4" x 32mm cross-members welded on edge under the top provide additional reinforcement.
A variety of optional 13mm thick solid core top pads are available. These are secured to the steel top with appropriate screw fasteners.

Examples

- Solid Arborite
- Corian
- Avonite

ARMS

Arms are of 1 3/4in. (45mm) wide x ¼ in. (6.4mm) thick CRS steel with black self skinning firm urethane molded pads.

ASSEMBLY

All assembly is with stainless steel hex socket button head hardware for vandal resistance but are easily removed with supplied tools. Feet are heavy glass reinforced polyethylene molded components with floor fastening capabilities where desired.

FINISH

All metal components are processed in a three stage iron phosphate system followed by an application of polyester powder coat to provide a finished thickness of 80 microns and cured at a temperature of 400 degrees F. For outdoor use all metal components are zinc plated before finishing and powder-coating.

OPTIONS

A protective clear urethane powder top coat can be applied over the cured polyester to a thickness of 70 microns and cured at a temperature of 375 degrees F. on all steel seats and arms.