

PRODUCT SPECIFICATIONS

Soltice® Metal Guest/Multiple Seating

September 2014

MODEL NUMBERS:

Guest Chairs	SOMC, SPMC
Multiple Seating	SOMCC, SOMCCC
	SPMCC, SPMCCC

TECHNICAL SPECIFICATIONS

Frame (Seat & Back)

Seat deck is $\frac{3}{4}$ " thick, 6 layer plywood construction fastened to steel welded brackets on the arms using $\frac{1}{4}$ -20 steel screws and threaded steel inserts, 4 each. Back is $\frac{5}{8}$ " thick 8 ply formed plywood mounted with four steel threaded inserts and $\frac{1}{4}$ -20 screws through steel brackets welded onto the arms.

Frame (Legs)

All welded steel construction consists of $\frac{3}{4}$ " x $1\frac{1}{2}$ " x 16 gage rectangular steel tubing legs, $\frac{3}{4}$ " square X 16 gage steel cross stringer and a 12 gage steel armcap mounting plate. Arms are mounted to the seat and back frame using $\frac{1}{4}$ -20 steel bolts and t-nuts.

Closed Arm Panels

Closed Arm panels are 1" thick plywood wrapped in $\frac{1}{4}$ " soft feel foam and fully upholstered. Panels are mounted using steel 16 ga brackets and steel alignment pins. Panels are field replaceable, fully upholstered.

Arm Caps

Arm caps of 8/4 beech hardwood kiln dried to moisture content of six percent, sanded and finished are standard. Polyurethane or "solid surface" Corian are available in limited color and style. See Price List for details. All arm cap styles are field replaceable.

Wood arm caps are sanded with 220 grit paper for a smooth pre-finish surface. A spray stain is applied overall, run thru a burn-off oven and baked for one hour at a temperature of 140 – 150 deg. F. The wood is then sealed to prevent moisture imbalance, and all exposed surfaces are then lightly hand sanded using 400 grit paper for fine surface detailing. The final application of an oven-baked conversion varnish topcoat seals and finishes the final product. Both the seal and finish coats contain an anti-microbial protectant.

Steel Finish

All exposed steel legs and components are powder coat painted in a single matching color per order. See KI Color Addendum for color choices. Chrome finish is optional.

Foam

Seat: The seat is a molded and shaped core of 3-1/2" polyurethane foam with a density of 2.5 and a compression of 35 pounds. This core is covered with a layer of 1/4" super-soft foam.

Back: The back foam set consists of a molded and shaped polyurethane foam core averaging 1" thick, 2.5 density, 35 lb polyurethane, with a 1/4" thick super- soft foam wrap over all.

Closed Arm Panels: 1/4" soft feel polyurethane foam covers the closed arm insert, is 1.5 density, 45 lb compression and fully upholstered.

Seat & Back Upholstery

The standard back rests are attached to the arm frame with a metal-to-metal bracket connection allowing replacement. Simply remove four screws at the middle of the back and lift the back up off the frame. Replace the old covers with newly upholstered covers and reassemble the backs.

The seats are attached to the arms with screws underneath, for replacement ease also. Replaceable seat and back covers use Velcro attachment for easy removal and replacement.

Glides

Glides are press-fit nylon type 6, available in KI "Flannel" or natural nylon color. See Price list for replacement ordering.

