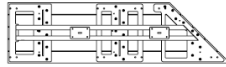
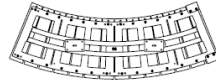


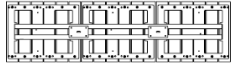
Inline straight



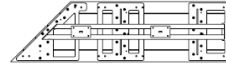
Left miter



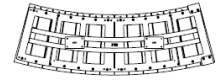
Piano key 96inR



Piano key straight



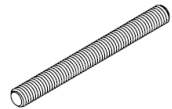
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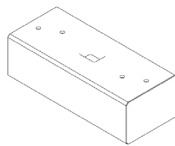
Piano key 140inR

Bench options

Included components: bench top ships fully assembled



4X – 3/8-16 x 3-1/2"
long threaded rod



1X – concrete block base

Tools Required

- Safety glasses
- epoxy anchoring system
- compressed air for clearing holes of debris
- crane or proper lifting equipment to move 485lb concrete block

PROCEDURE FOR INSTALLATION:

Note: DO NOT DRAG bench across concrete or other rough surfaces. This could damage the powder coat finish.

Note: Threaded rods for embedding are intended for adhesive anchoring. Once installed, the bench cannot be removed without damaging the bench and/or concrete base. Use either Powers Fasteners AC100 Plus™ or Hilti HIT RE 500 adhesive, approximately 3 ounces per bench is required. Gel and cure times vary with temperature, follow manufacturer's instructions for application.

WARNING: DO NOT lift assembled bench from the ends of the bench top. Always lift / move bench from underneath the concrete block.

1. Set concrete block in final bench position with proper lifting equipment, see Fig. A.
2. Install threaded rods in bottom plates as shown in Fig. 1. Install 2 per plate, in opposite corners of plate. Verify location of threaded rods matches orientation of holes in concrete block base
3. Completely clear holes of debris. Holes must be free of standing water or ice.
4. Before dispensing adhesive, place bench in the installed position to verify correct placement of holes. Verify that the bench base is sitting flush on the top of the wall.
5. Remove the bench.
6. Follow the manufacturer's instructions for dispensing adhesive. Fill the holes from the bottom up to avoid air pockets. Fill to a level 1" from the top of each hole. The adhesive level will rise to the top of the hole as the bench is set in place.
7. Set the bench in position. Clean off any excess adhesive before it gels.
8. Adjust glides on bottom of concrete block to level bench as needed.

Note: When installing benches end-to-end, adjust glides as necessary so that bench seat boards are at the same height.

ASSEMBLE WITH CARE! Pangard II® Polyester Powder coat is a strong, long-lasting finish. To protect this finish during assembly, place unwrapped powder coated parts on packaging foam or other non-marring surface. Do not place or slide powder coated parts on concrete or other hard or textured surface – this will damage the finish causing rust to occur. Use touch-up paint on any gouges in the finish caused by assembly tools.

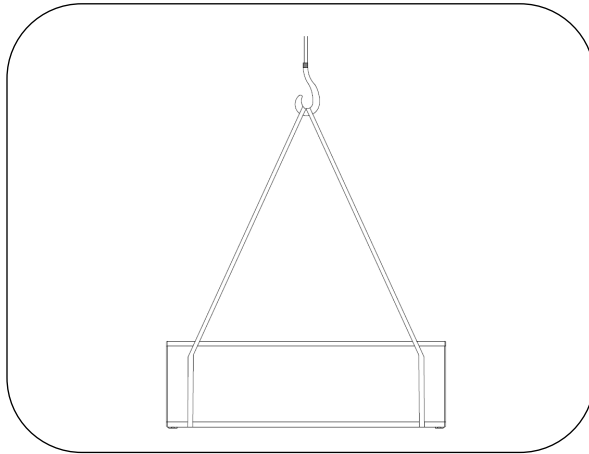


Fig. A – Proper strap location for lifting concrete block

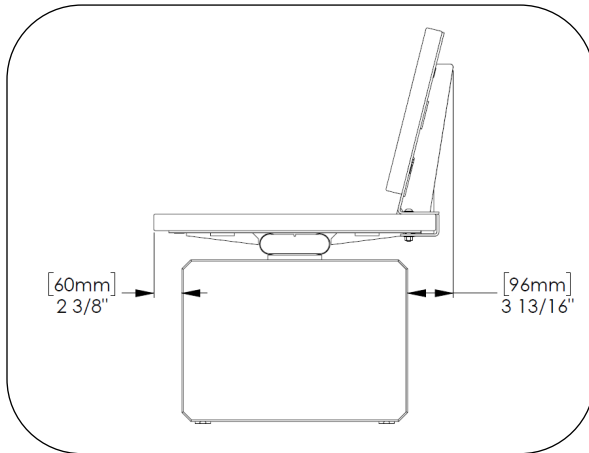


Fig. 4 – backed bench side view

ASSEMBLE WITH CARE! Pangard II® Polyester Powder coat is a strong, long-lasting finish. To protect this finish during assembly, place unwrapped powder coated parts on packaging foam or other non-marring surface. Do not place or slide powder coated parts on concrete or other hard or textured surface – this will damage the finish causing rust to occur. Use touch-up paint on any gouges in the finish caused by assembly tools.

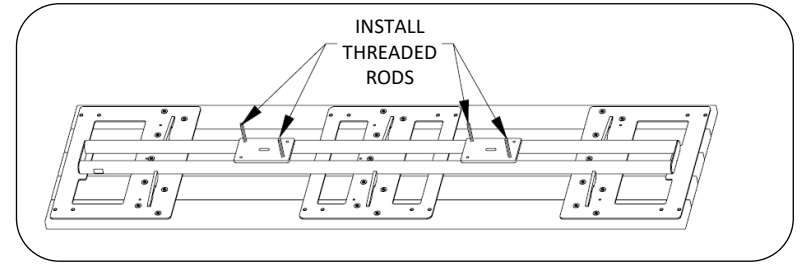


Fig. 1 – Threaded rod locations

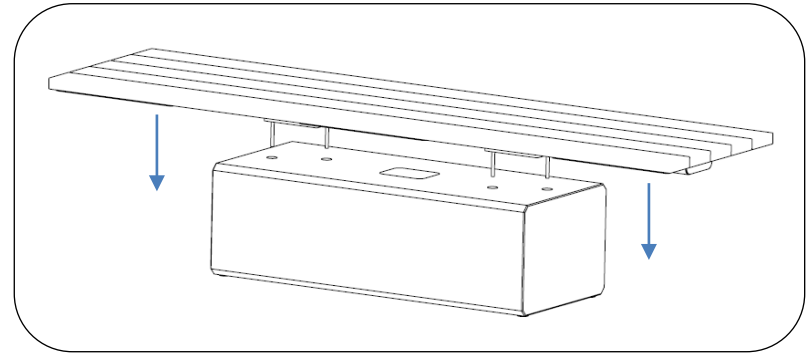


Fig. 2 – install bench top to concrete block

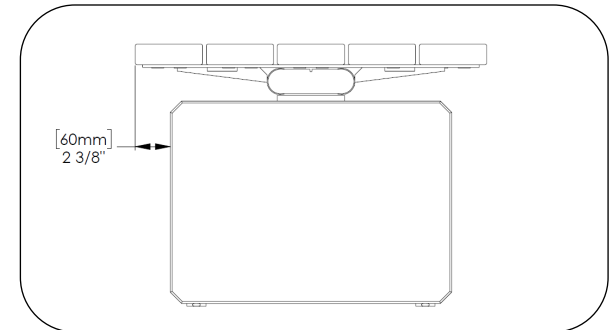


Fig. 3 – backless bench side view