

Becker Arena Products, Inc.

BAP 3.0 INDOOR SOCCER DASHER BOARD SYSTEM

1. Dasher Panels

- a. Dasher board panels shall be 3/4" thick and fabricated in sections of nominal 4' lengths. The panel design, whether in the straight sections or in the radius sections shall be fundamentally similar. Standard size of dasher panel shall be 3/4" thick x 48" long x 48" or 96" high. Color of panel to be white. Custom heights available.
- a. Dasher panels shall be of 1" thick ULTRA CORE thermal fused melamine surfaced boards with a plywood core.
- b. All supports and brackets shall be powder coated – Standard color white. Custom colors available.
- c. Dasher board panel support posts to be fabricated using 2" x 2" x 1/8" square steel tubing welded to a 3/8" x 6" x 6" steel plate. A 3/8" steel gusset plate shall be added for additional reinforcement. Each 3/8" footplate shall have three 5/8" holes punched to accommodate anchoring to the concrete floor. All steel support posts to be powder coated – Standard color white. Custom colors available.
 - a. Dasher panels shall be fastened to the support posts with a 1/4" thick x 2" wide extruded aluminum face plate and a compression fit. Ultra Core shall be secured between the aluminum face plate and the steel upright post. Aluminum glazing supports shall be alloy No. 6351-T6 with powder coated white finish.

Acceptable alternative fastening shall allow dasher panels to be fastened to the support posts using 14 gauge steel wrap-around brackets. Each bracket shall have six 1/4" holes punched to enable the bracket to be attached to the melamine panels using #14 Wood Screw Fasteners. At the base of the bracket a single 5/16" hole will be punched to enable the wrap-around bracket to be attached to the panel support post. Brackets shall be fastened to the support posts using one self-tapping screw. All brackets to be powder coated – Standard color white. Custom colors available.

2. Caprail:

- a. Caprail shall be furnished on all panels' 48" high or less. Caprail shall be fastened to the top of exposed panel, and between the dasher panels and shielding.
- b. Color shall be red, blue, yellow or white.
- c. 1-1/8" wide x 1/2" thick and routed with 1/4" radius on both sides typical. Caprail shall bridge two sections of dasher facing.

3. Gates:

- a. Gates (2'-6" or 3'-0" wide standard) shall be built into standard 4' or 8' panels and shall be left or right-hand swing. Gate panels shall be of the same construction as standard panels. The gate latch shall be equipped with a 3/8" x 2" steel flat bar, easily opened. Latches must be a solid welded construction designed for their intended use. Latches shall be fastened with to the melamine panels using 1 1/2" x 3/8" carriage bolts.
- b. Access gate latches on gates with shielding must be able to be opened from the field side of the gate.
- c. Gate hinges shall be 36" piano hinges. Hinges shall be fastened with to the melamine panels using 1 1/2" x 3/8" carriage bolts.
- d. Gates shall be lined with 1 1/8" - 1/2" white high-density polyethylene material. Mounted inside of doorframe and outside of gate.
- d. Gate threshold shall be white, high density polyethylene and fastened to the dasher panels using counter sunk #14 wood screws.

4. Spectator Shield Mounting Hardware:

- b. Extruded aluminum glazing supports shall be alloy No. 6351-T6 with clear anodized finish.
- c. Supports are to be one piece removable field-sized and fastened to the dasher support post using 1/4" x 1-1/2" Phillips Flat Head Type F machine screws.
- d. Flexible gaskets shall be installed on each side of shielding.

5. Spectator shielding:

- a. Spectator shielding shall be clear float tempered glass with polished edges. Seam edges are not acceptable. All shields shall be nominal 48" wide except those at gates.
 - 1. Height of spectator shielding at the sides of the rink is to be _____" above the dasher panels. Tempered glass panels on the sides of the rink to be 1/2".
 - 2. Height of spectator shielding at the ends and the corners is to be _____" above the dasher panels. Tempered glass panels on the ends and the radius corners is to be 1/2".

6. Player, penalty & scorers box: (Optional)

- a. Dasher panel dividers, back walls, shielding and gates to match typical divider panels, shielding and gate construction. See drawings for location and dimensions.

7. Benches

- a. Stationary team benches shall be permanently mounted to concrete. Benches shall be 2" square steel tube with 2" x 10" aluminum planks. Length of the benches to vary according to size of boxes.

8. Anchoring system:

- a. Concrete – support posts (with 6" x 6"-1/2" steel base plate, welded to the posts) shall be mounted to the concrete floor using wedge anchors. 3 anchors per support post.

9. Protective Netting:

1. Color: White or Black
2. Square mesh size: 1 1/2"
3. Twine: #21
4. Yield: 26 sq. ft. per pound