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**SENOH FLOORPLATE/SLEEVE INSTALLATION INSTRUCTIONS FOR VOLLEYBALL (KA25)
NEW CONSTRUCTION; SYNTHETIC FLOOR OVER A CONCRETE SLAB ON GRADE**

The concrete slab must be deepened in a manner similar to the attached detail.

Sleeve installation prior to the synthetic pour:

Advantage: Synthetic is poured around the floorplate insuring a neat fit.

Disadvantage: The actual final floor elevation is not known and the court striping must go to the floorplates, even if they are not located correctly.

Example: Should the basketball bank board location require the main basketball court to be slightly off of the building centerline, which was used to locate the volleyball floorplate location, then the volleyball lines will be off.

1. At the desired locations of the floorplates and sleeves make minimum 6" diameter x 12" deep box outs in deepened slab at the time of pour.
2. Establish the exact location of the game centerlines.
3. Tape the opening in the sleeve to insure the grout does not overflow in to the sleeve.
4. Attach the floorplate to the sleeve using the three long screws and the tube spacers furnished in the fastener package. These packages may be found in the sleeves. Connecting the sleeve to the floorplate insures that the sleeve is properly centered in relation to the floorplate. It also insures proper depth.

NOTE – VERY IMPORTANT: The three flanges on the sleeve may become slightly bent in shipment. These must be straightened prior to attaching the floorplate to the sleeve. Failure to do so will cause the sleeve to be installed in a non-perpendicular position, thus causing a lean to the upright post.

5. Grout the sleeve **exactly** on the centerline, perpendicular to the final floor surfaces with the floorplate held to the final floor elevation.
6. Dam, or in a similar manner prevent the synthetic pour from entering the sleeve.

Sleeve installation after the synthetic pour and striping of the floor:

Advantage: The exact location of the floorplate is known.

Disadvantage: The extra step of drilling concrete is required.

1. Using the floorplate as a guide, trace an outline of the plate on the floor at the exact desired location.
 2. Using the outline as a guide accurately cut away the synthetic material.
 3. Drill a series of 1" diameter holes in the concrete and chisel out the spaces, or core drill to create a hole 4"-5" in diameter and 12" deep.
 4. Tape the opening in the sleeve to insure the grout does not overflow into the sleeve.
 5. Attach the floorplate to the sleeve using the three long screws and the tube spacers furnished in the fastener package. These packages may be found in the sleeves. Connecting the sleeve to the floorplate insures that the sleeve is properly centered in relation to the floorplate. It also insures proper depth.
- NOTE – VERY IMPORTANT:** The three flanges on the sleeve may become slightly bent in shipment. These must be straightened prior to attaching the floorplate to the sleeve. Failure to do so will cause the sleeve to be installed in a non-perpendicular position, thus causing a lean to the upright post.
6. Test drop the floorplate and sleeve into the hole to check the fit. Hand chisel if necessary to allow the floorplate to seat flush with the finished floor.
 7. Pour the grout into the hole being sure not to let the grout overflow into the sleeve. Push the sleeve into the grout until the floorplate seats flush (make sure the floorplate is level). Caution: The grout must be stiff enough so that the floorplate and sleeve do not shift during the time the grout is setting.

NOTE: If you have any questions, contact Sports Imports, Inc. at 800-556-3198

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