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

1. The concrete slab must be deepened in a manner similar to the attached detail.
2. 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.
3. The floor can then be laid over the box outs.
4. After the floor has been laid and striped, determine the exact locations of the floorplates. SI recommends a distance of 37 to 38 feet (center to center) and a minimum of 1 meter from the sideline.
5. Using the floorplate as a guide, trace an outline of the plate on the floor.
6. Inside of the outline, cut the floor out to within 3/4 of an inch of the outside perimeter of the outline drawn on the floor.
7. At this point, the approximate 5" diameter hole in the wood should be directly over the box outs previously left in the slab. Using a template and a router, cut a recess lip to catch the outer four holes in the plate and at a depth such that the plate is flush with the floor.
8. Tape the opening in the sleeve to insure the grout does not overflow into the sleeve.
9. 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.

10. Use a non metallic, "non-shrink" concrete grout with a final cure strength over 6,500 pounds. (Typical manufacturers: Embeco, Hydrocide, Super Rock, and Masterbuilders Masterflow #713).
11. 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. Using four wood screws, anchor the plate to the floor.
12. After the grout initially sets, gently remove the bolts and screws and lift the floorplate off.
13. Replace the long bolts and spacers with short bolts and nuts. **This is very important as it allows the floorplate to "float" with the floor, free of the sleeve.**
14. Using four wood screws, refasten the floorplate to the wood floor.
15. Keep all activities off of the immediate area surrounding the floorplate for 48 hours. Allow 10 days curing before using the equipment.

NOTE: If excessive expansion and contraction is expected in the wood floor, contact Sports Imports, Inc. at 800-556-3198.

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