

Floorball Rink Setup - Marking

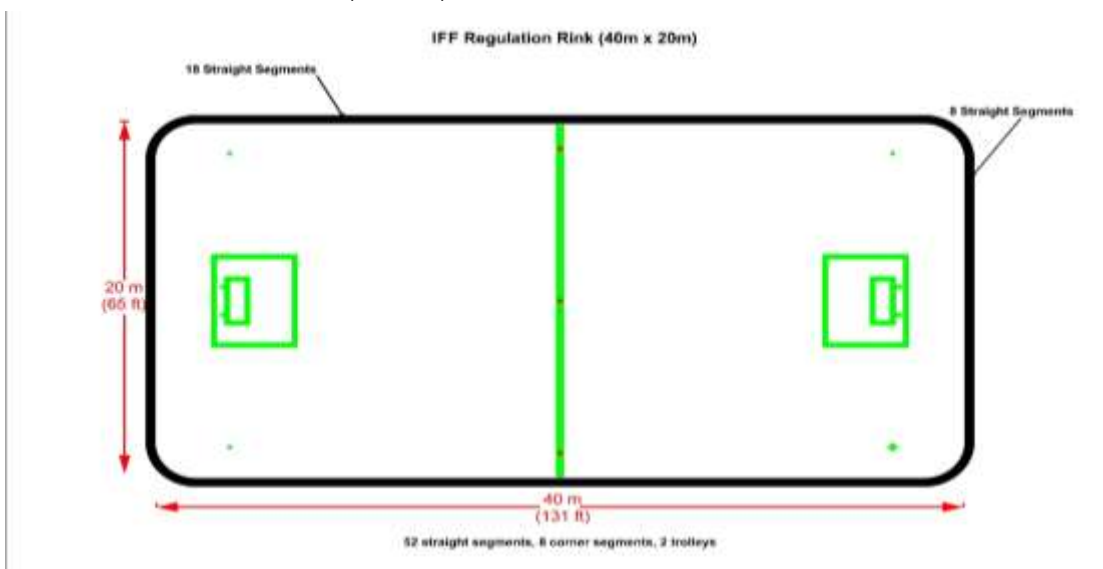
The information below is based on floorball rink boards from FloorballPlanet (Uher or SX). Other board brands are similar.

Rink configuration as follows:

1. Rectangular rinks are made up of straight & curved board segments. There are 2 curved segments per corner, 8 curved segments per rink. The number of straight segments is based on rink size.
2. Floorball board segments are 50 cm (about 20") high and either 12" (Uher) or 10" wide (L-shaped foot). Each standard straight segment is 2m (6.53 ft) long. Our non-IFF boards have a 1m segment available. A 90 degree corner (two curved board segments) takes up 2m in length and width. A trolley can hold a maximum of 26 straight segments plus 4 corner segments.
3. Rink dimensions and floor marks are in meters per IFF rules. Feet/inch conversions are included. Rink sizes are "inside dimensions". Allowance must be made for board thickness (about 10-12") plus safety overrun from walls and objects in your facility. Details can be found in "IFF Rules of the Game".

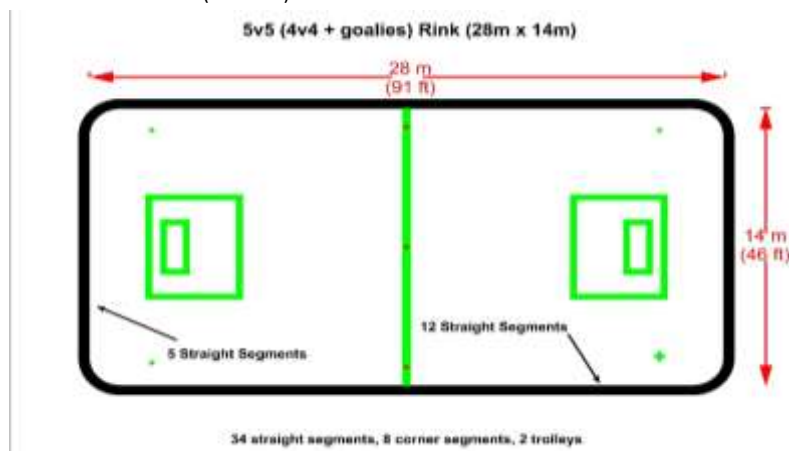
4. Standard Rink Sizes (typically length is 2X the width)

	Rink Size	# Straight Long Side	# Straight Short Side	Total # Straight
IFF Regulation (5 v 5 plus goalies)	40m x 20m (132' x 65')	18	8	52
Minimum rink size	36m x 18m (118' x 59')	16	7	46



4 v 4 plus goalies (SO Unified)
or
or
or non-IFF

28m x 14m (91.5' x 46')	12	5	34	
30m x 16m (98' x 52')	13	6	38	
32m x 16m (104.5' x 52')	14	6	40	
30m x 15m (98' x 49')	13	5	36	+ 2 1-m panels on short side



3 v 3 plus goalies

or non-IFF

20m x 12m (65' x 39')	8	4	24
20m x 10m (65' x 33')	8	3	22

5. To calculate rink size for any given # of board segments (must be in increments of 2 meters):

$$\text{Length of a side in meters} = \# \text{ straight segments} \times 2 + 4 \text{ -or- } \# \text{ straight segments} = (\text{length of rink} - 4) / 2$$

	40 meters	18	segments	131.2	feet
for example, for side of	20 meters	8	segments	65.6	feet
	10 meters	3	segments	32.8	feet
	9 segments	22	meters	72.2	feet

Remember, rink length = 2X width. Total straight segments for a given rink is 2 x (# boards on long size + # boards on short side). Standard board segments are 2m long. For non-IFF setups, a 1m segment is available. This allows for odd-sides, i.e., 15m, 21m, etc.

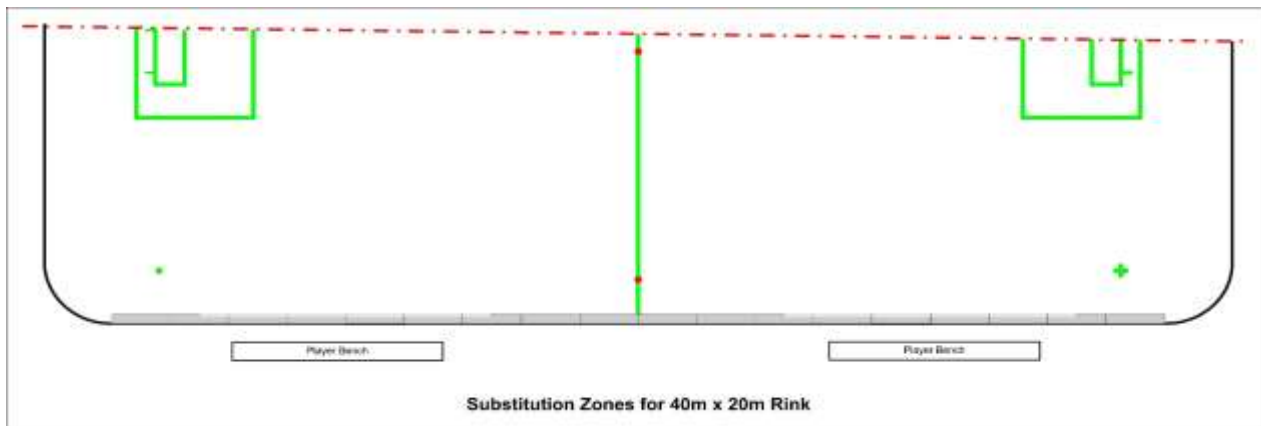
Basic Rink Setup

1. We recommend that you build your rink starting at the center line on the side where the team benches are located and build a long side first. The first board should be placed with enough room from the wall/barriers for team benches plus at least 3 feet of safety overrun.
2. If there are an even number of straight segments on the long side (40m - 18, 32m - 14, 28m - 12, 20m - 8), begin with the edge of a board at the centerline. If an odd number of straight segments (15m - 13), straddle the midpoint of the first board with the centerline.
3. Place the straight segments in a line from the starting board segment. Put 1/2 of the boards needed for each long side on either side of the centerline. For example, if you are using 18 boards for a 40m rink, put 9 boards on either side of center. For a 28m rink, 6 boards.
4. Substitution Zone (used for tournament play):

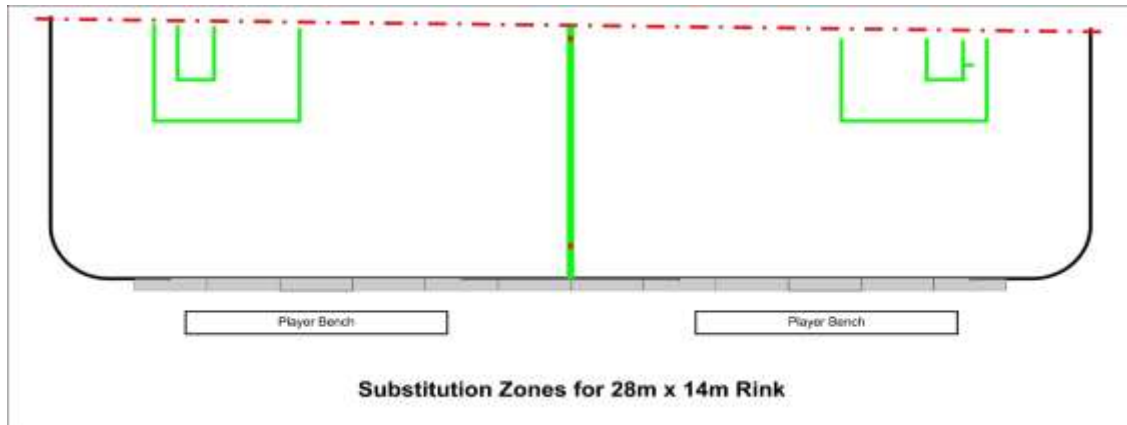
Uher boards include straight segments with different color top rails to mark the substitution zone (so you don't need to mark this area with tape). These boards have black rails on white boards or white rails on black boards. For a regulation or 4v4 rink, there are 8 full boards and 4 half boards with different color rails.

IFF rules state that the substitution zone is 10m long beginning 5m from the centerline in front of the player benches. 10m substitution length requires 4 boards with full length substitution rails plus two 1/2-rails.

For a 40m regulation rink, there should be 2 normal boards from the centerline followed by one 1/2-rail board, 4 full rail boards, one half-rail board then 1 regular board to the first corner segment.



For a 28m 4v4 rink, there should be 1 normal board from the centerline followed by one 1/2-rail board, 3 full rail boards and 1 half-rail board to the first corner segment. This allows for 8m of substitution zone instead of 10m.



For anything other than a regulation rink (40m x 20m or 36m x 18m), adjust the size of the substitution area as needed.

5. Continue setting the boards from the first long side around the corners and place the correct number of straight segments on the short sides (8 for regulation, 5 or 6 for 4v4, etc).
6. Use the trolleys intelligently. With two people, have 1 person move the trolley abeam each board location and have another person pick up the board and set it next to the previous board. Continue around the rink area rolling the trolley as you go.
7. Once all of the board segments are located, check the spacing for your facility. Now is the time to adjust. If you are using lines that are already painted on the floor, move the boards as necessary. Be sure to allow for enough distance from walls and objects. If you need to remove any board segments to fit, do it at this time. Once you are satisfied, connect the elastic cords at the end of each board segment.
8. When it is time to disassemble the rink and load it on the trolleys, simply reverse the process. Unhook all the elastic connectors. Stack straight segments on the trolleys beginning at the centerline on the long side of the rink away from the player benches. Be sure the first board is placed correctly on the trolley (in the center) because as the Uher boards are nested on top of each other, they stack upward at an angle. You don't want to overload one end. Work your way around the rink so the boards with substitution rails are stacked near the top. This makes it easy for the next setup. Four corner segments are stacked on top of each trolley. With two people per trolley, you can take down a rink in less than 10 minutes. The non-IFF boards stack straight - they are NOT nested. Be careful each board is placed evenly on top of the previous board.



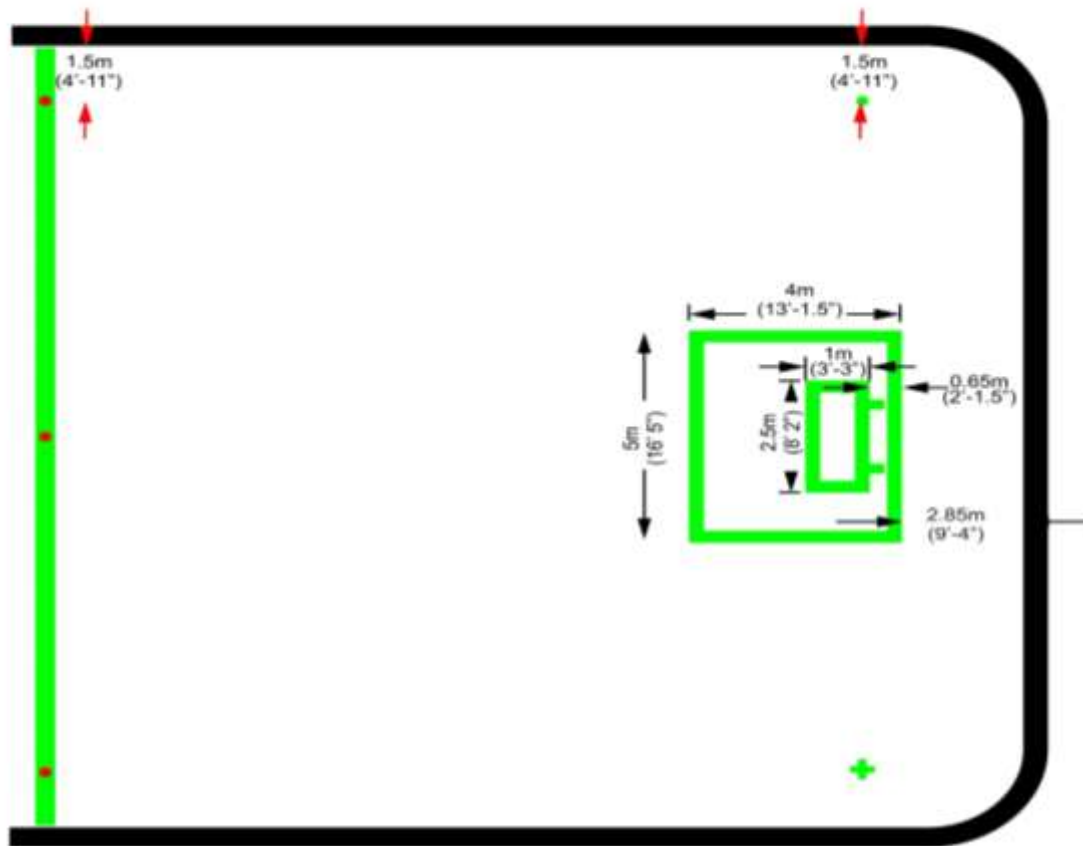
Markings on the Rink

1. Markings are usually best made with tape. IFF specifies 4-5 cm width in a clearly visible color. 2" Frog tape or painters tape works well.
2. Most gym floors have a centerline marked, e.g., for basketball or other sports. If you have set up your rink based on this line, then you already have the centerline. If not, you need to mark a centerline which divides the rink into two halves of equal size. A center face-off dot or cross should be marked.
3. If you are playing with dedicated goalies and either regulation or large size goals, then a goal crease and goalkeeper area should be marked. If you are playing without goalies, then these areas are not required. Size of the boxes is measured from the OUTSIDE of the tape lines (the line is part of the box).

Goal Crease (the large box): 4m x 5m (13'-1.5" x 16'-5")
 2.85m (9'-4") from short side wall
 Centered between the long side walls (line up with mid-point of short side boards)

Goalkeeper Area (small box): 1m x 2.5m (3'-3" x 8'-2")
 .65m (2'-1.5") from outside edge of goal crease
 Centered between the long side walls (line up with mid-point of short side boards)
 2 small lines to mark goal posts, 1.6m (5'-3") apart

IFF Regulation Rink (40m x 20m) 4v4 Rink (28m x 14m)



4. The rear lines of the goalkeeper areas also serve as the goal lines. If you are NOT marking goalkeeper areas, mark this line and put marks for goal posts so the goal is positioned at the correct distance from the back wall.
5. Face-off dots (can also be marked as a cross) should be placed 1.5m (4'11") from the long side walls along the centerline and on an extended line with the goal line. Also place a face-off dot at center-court.

Secretariat and penalty benches (for tournaments)

1. Secretariat (scorekeeper and clock operator) and penalty benches should be placed opposite the substitution zones near the center line. Keep an appropriate distance from the boards. A separate penalty bench (2 folding chairs) are placed on each side of the secretariat.
2. If necessary, the Secretariat and penalty benches can be on the same side of the rink as the player benches. In this case, leave at least 2m (7 ft) between the penalty bench and the substitution benches.