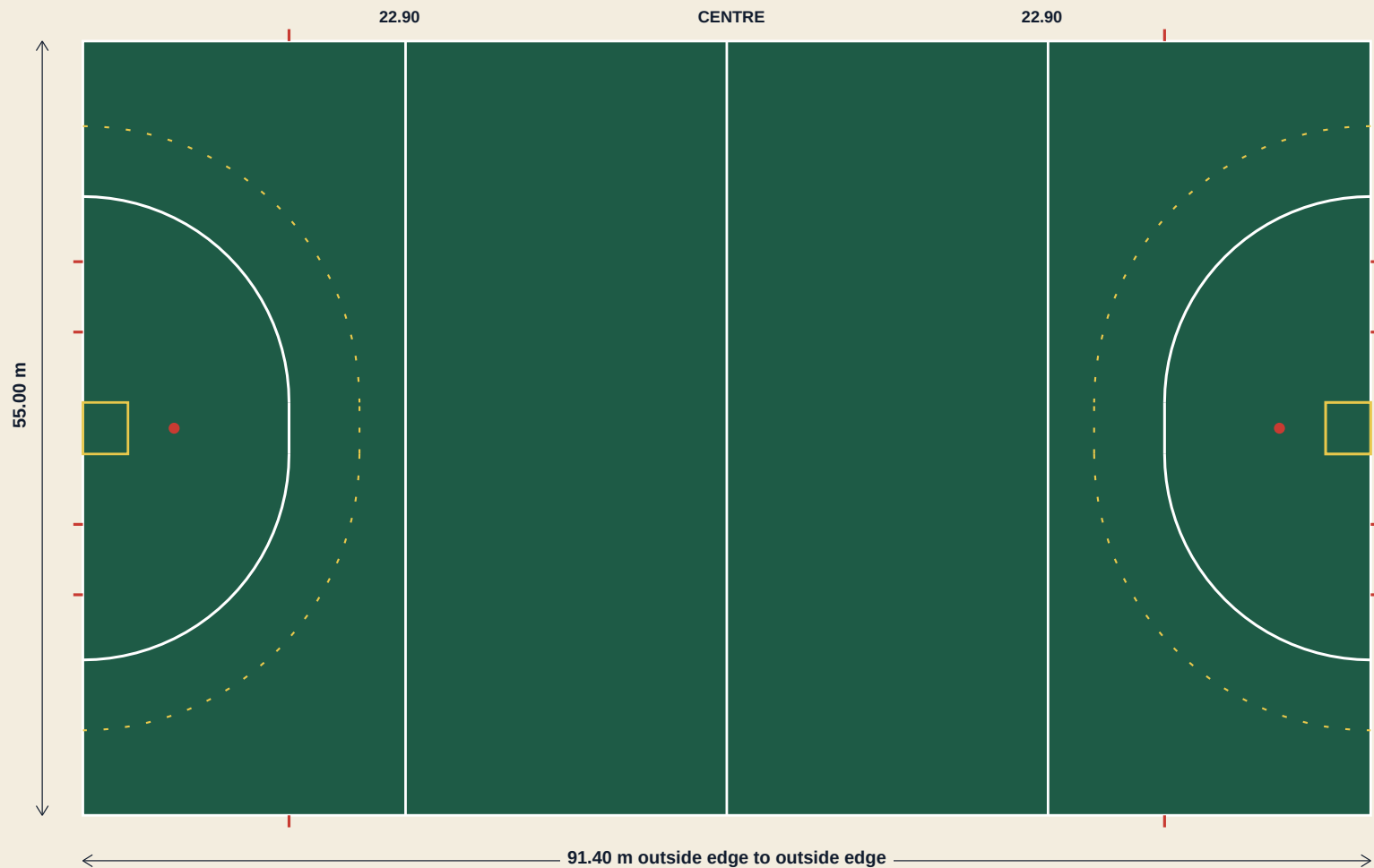


FIELD HOCKEY PITCH MARKINGS

Original field-manual drawing · checked against FIH Rules of Hockey effective 1 March 2026



CONTROL FIGURES

FIELD	91.40 × 55.00 m
ALL LINE BANDS	75 mm wide
23 M LINES	22.90 m from back-lines
CIRCLE RADIUS	14.63 m to outer edge
CIRCLE STRAIGHT	3.66 m
PENALTY SPOT	150 mm Ø · 6.475 m
GOAL OPENING	3.66 × 2.14 m inside
BASELINE PAINT RUN	559.957 m
BASELINE PAINT AREA	42.032 m²

BROKEN 5 m LINE

Shown mustard/dashed for recognition. Paint only the 300 mm solid sections with 3 m clear gaps. Its use depends on the match grade and governing association.

MEASUREMENT NOTE

Published dimensions use stated line edges. The 559.957 m control total is the machine centre-path at a 75 mm band, with shared crossings counted once; the two penalty spots are treated separately as area.

SETTING OUT, IN ORDER

A practical sequence for a first layout or a complete re-mark

01

SQUARE THE RECTANGLE

Set one back-line and the centre axis. Establish the remaining corners, then compare the two diagonals: each is approximately 106.68 m.

02

STRING THE PERIMETER

Pin the outside edges. The published 91.40 × 55.00 m field dimensions are outside edge to outside edge of the line bands.

03

PAINT THE PERIMETER

Lay the side-lines and back-lines before transverse lines. This makes shared crossings visible and prevents double-counting in the paint estimate.

04

SET TRANSVERSE LINES

Mark the centre line and the two 22.90 m lines. Measure 22.90 m between the furthest edges of each 23 m line and its back-line.

05

STRIKE BOTH CIRCLES

Use the inside front corners of the goal-posts as arc centres. Sweep 14.63 m to the outside edge, then connect the arcs with the 3.66 m straight.

06

ADD COMPETITION MARKINGS

If required, add each broken 5 m line as 300 mm solids separated by 3 m gaps. Do not estimate it as one continuous arc.

07

FINISH AND VERIFY

Add the external reference marks and two 150 mm penalty spots. Walk the completed set, inspect joins and recheck critical edge measurements.

CALCULATOR HANDOFF

Use the site calculator only after confirming the line set, substrate, product coverage, number of coats, pack size and waste allowance. Its result is a planning range, not a product specification.