



Model : 48/2023



DHC-2 Beaver

2000mm

Specs with wheel :

1. Wingspan 2000mm / 79 inch
2. Flying weight : 3000 grams/ 105.8 oz
3. Wing loading : 59.9 gram/dm² - 19.6 oz/sq.ft.
4. Wing cube loading : 8.5 (Between trainer & aerobatic)
5. Wing Area : 50.05 dm² / 776 sq.in.
6. CG : 6 cm / 2.36 inch from Leading Edge

Electronics for test (pusher prop)

- T-Motor AT3520 Long Shaft (43 size motor)
- Prop 13x5.5 (2 blades)
- 75A ESC
- Battery Lipo 4S 2200mah
- 4 x 9 gram servos (micro servo) + 2 for float version

Transmitter

- Jumper T16 + BetaFPV Express LRS TX module
- 10 ch BetaFPV Express LRS RX

Materials :

1. 5mm Foamboard/ Depron/ Polyfoam
2. 10mm Carbon Tube/ Bamboo/ Wood Dowel 1 meter
3. 0.3mm Mica Plastic
4. hot glue, UHU glue, CA glue, PVA glue
5. Packing tapes
6. 3D Printed parts

Specs with floats :

1. Wingspan 2000mm / 79 inch
2. Flying weight : 3600 grams/ 127 oz
3. Wing loading : 71.9 gram/dm² - 23.6 oz/sq.ft.
4. Wing cube loading : 10.2 (Aerobatic)
5. Wing Area : 50.05 dm² / 776 sq.in.
6. CG : 6 cm / 2.36 inch from Leading Edge

Build Instructions :

1. paper-replika.com
2. youtube channel : Julius Perdana

W1

WING
POLYFOAM/
DEPRON 5MM
2X MIRRORED

JOIN HERE

JOIN HERE

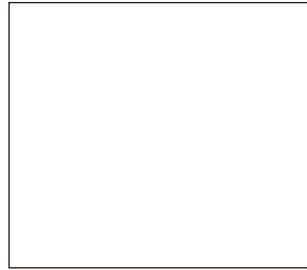
W1

JOIN HERE



JOIN HERE

W1



JOIN HERE

JOIN HERE

W1

JOIN HERE

JOIN HERE

W1

W2

WING SPAR
PLYWOOD
3MM
4X MIRRORED

W3

WING SPAR
PLYWOOD
3MM
2X
MIRRORED

W5

WING SPAR
PLYWOOD
3MM
2X

W4

WING SPAR
PLYWOOD
3MM
2X

W6

WING SPAR
PLYWOOD
3MM
2X

W7

WING SPAR
PLYWOOD
3MM
2X

JOIN HERE

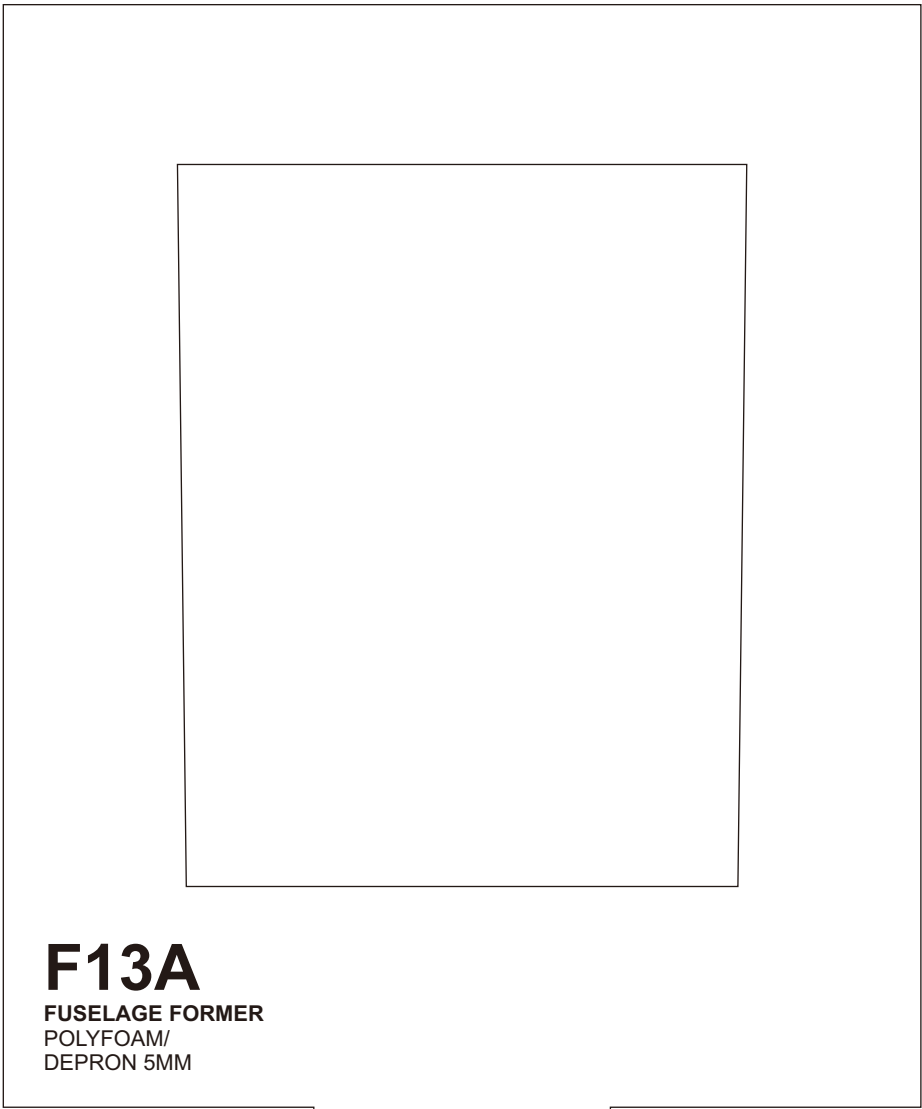
JOIN HERE

JOIN HERE

JOIN HERE

W2

W3



F13A

FUSELAGE FORMER
POLYFOAM/
DEPRON 5MM

JOIN HERE

JOIN HERE



JOIN HERE

JOIN HERE



F13B

FUSELAGE FORMER
POLYFOAM/
DEPRON 5MM

W2

W3

JOIN HERE

JOIN HERE

JOIN HERE

W2

JOIN HERE

W3

P1

FLOAT
POLYFOAM/
DEPRON 5MM

W8

WING
POLYFOAM/
DEPRON 5MM
2X MIRRORED

JOIN HERE

JOIN HERE

W8

JOIN HERE

JOIN HERE

W8

JOIN HERE

JOIN HERE

JOIN HERE

W8

JOIN HERE

W8

F2

FUSELAGE
POLYFOAM/
DEPRON 5MM
2X MIRRORED



UP



F5

FUSELAGE
POLYFOAM/
DEPRON 5MM
2X MIRRORED

JOIN HERE

JOIN HERE

F2

F1

FUSELAGE
POLYFOAM/
DEPRON 5MM

F6

FUSELAGE
POLYFOAM/
DEPRON 5MM
MIRRORED

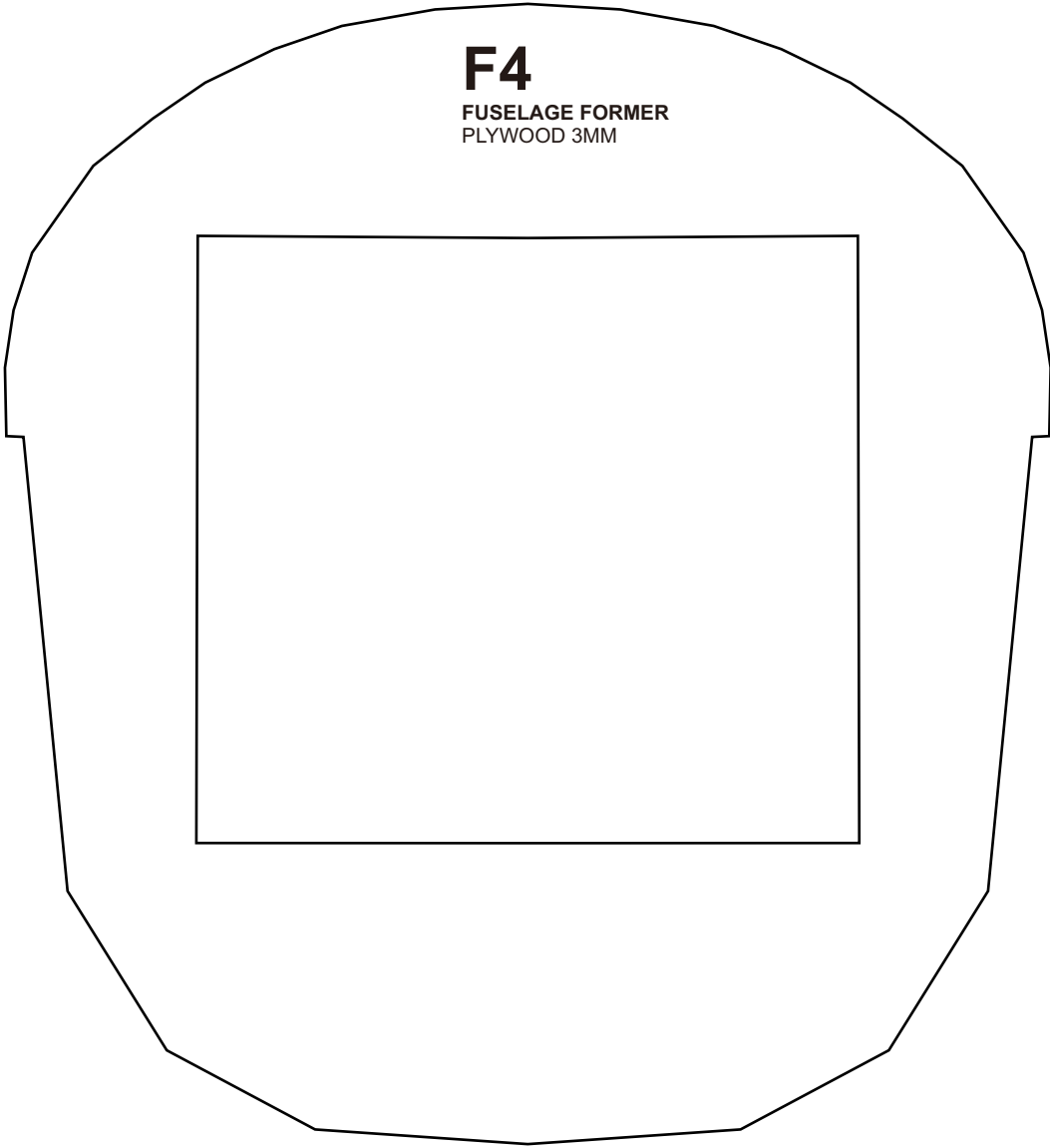
JOIN HERE

JOIN HERE

F6

F4

FUSELAGE FORMER
PLYWOOD 3MM





F9

FUSELAGE
POLYFOAM/
DEPRON 5MM
MIRRORED

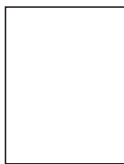
JOIN HERE

JOIN HERE

F9

F3

FUSELAGE FORMER
PLYWOOD 3MM
2X



S1

HOR-STAB
POLYFOAM/
DEPRON 5MM
MIRRORED

JOIN HERE

S1A

HOR-STAB
POLYFOAM/
DEPRON 5MM
MIRRORED

JOIN HERE

JOIN HERE

S1

JOIN HERE

JOIN HERE

S1A

JOIN HERE

JOIN HERE

S1

JOIN HERE

JOIN HERE

S1A

JOIN HERE

JOIN HERE

S1

F16

ENGINE COVER
PLYWOOD 3MM

JOIN HERE

S1A



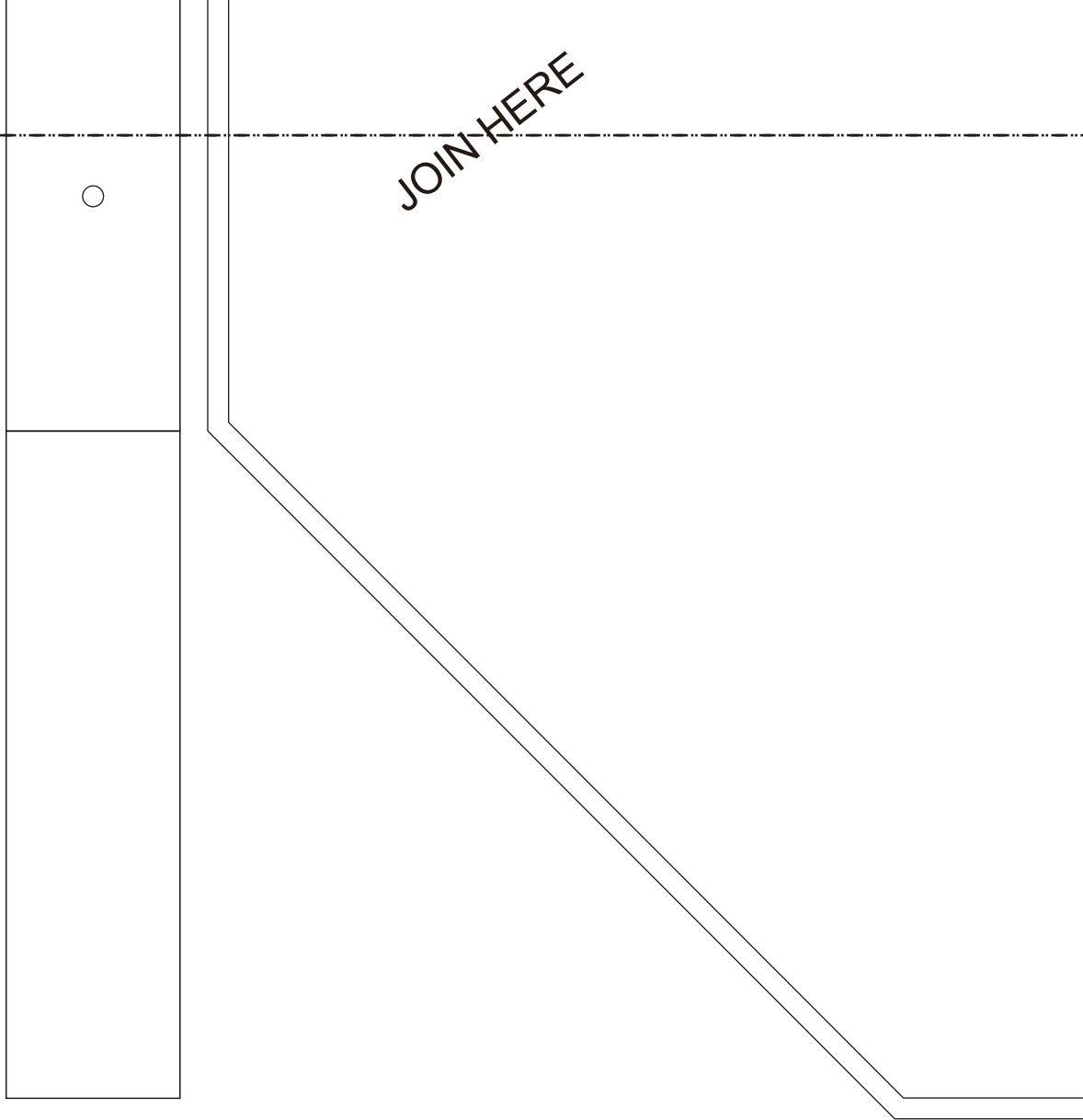
The diagram shows a technical drawing of a landing gear strut. It consists of a vertical rectangular section on the left and a diagonal section on the right. The vertical section has a hole near the bottom. The diagonal section is attached to the vertical section at a 45-degree angle and has a horizontal section at the top right. The entire drawing is enclosed in a dashed border.

Landing Gear Strut

3mm x 23mm
Aluminum strip

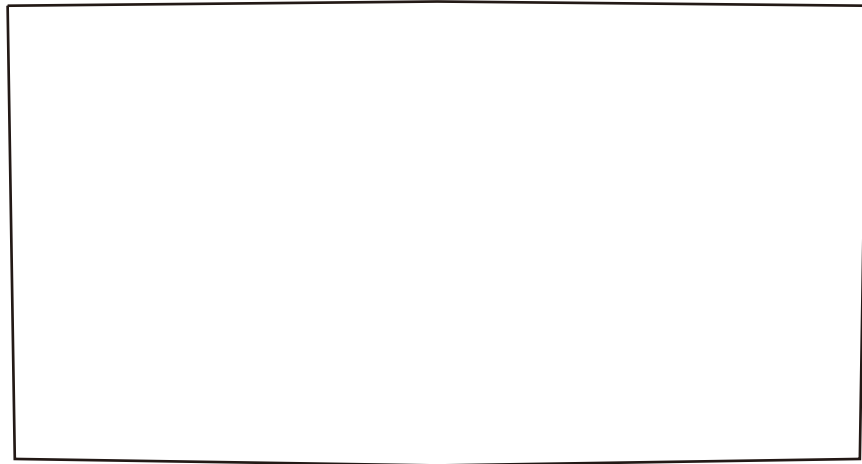
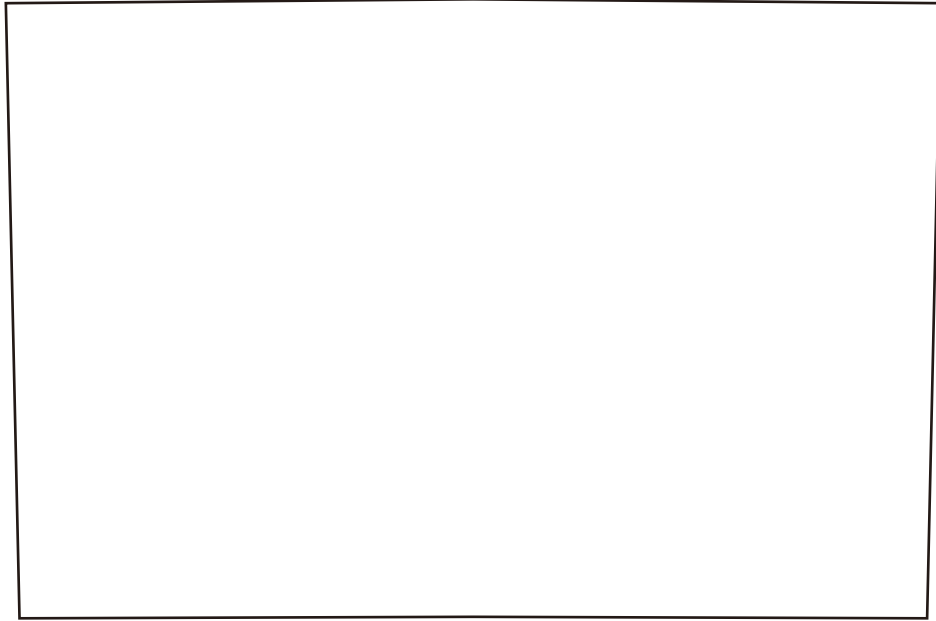
JOIN HERE

JOIN HERE



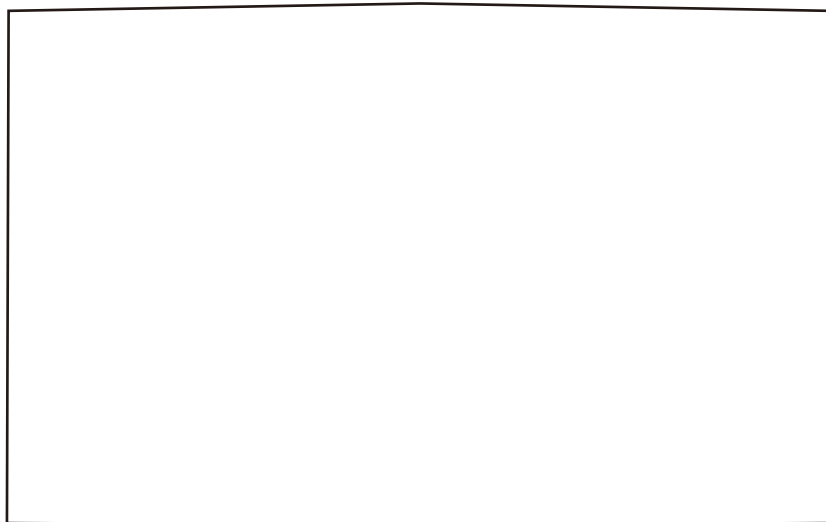
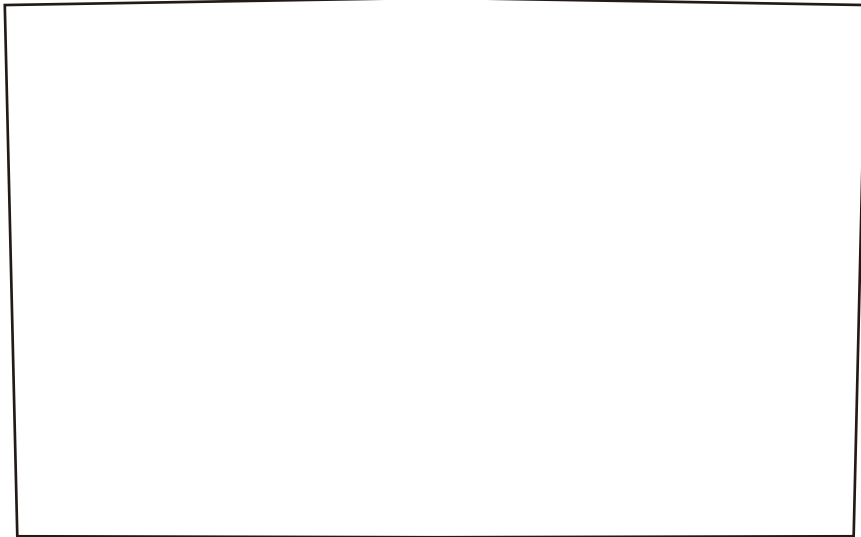
F7

FUSELAGE FORMER
PLYWOOD 3MM



F8

FUSELAGE FORMER
PLYWOOD 3MM





F11

FUSELAGE
POLYFOAM/
DEPRON 5MM

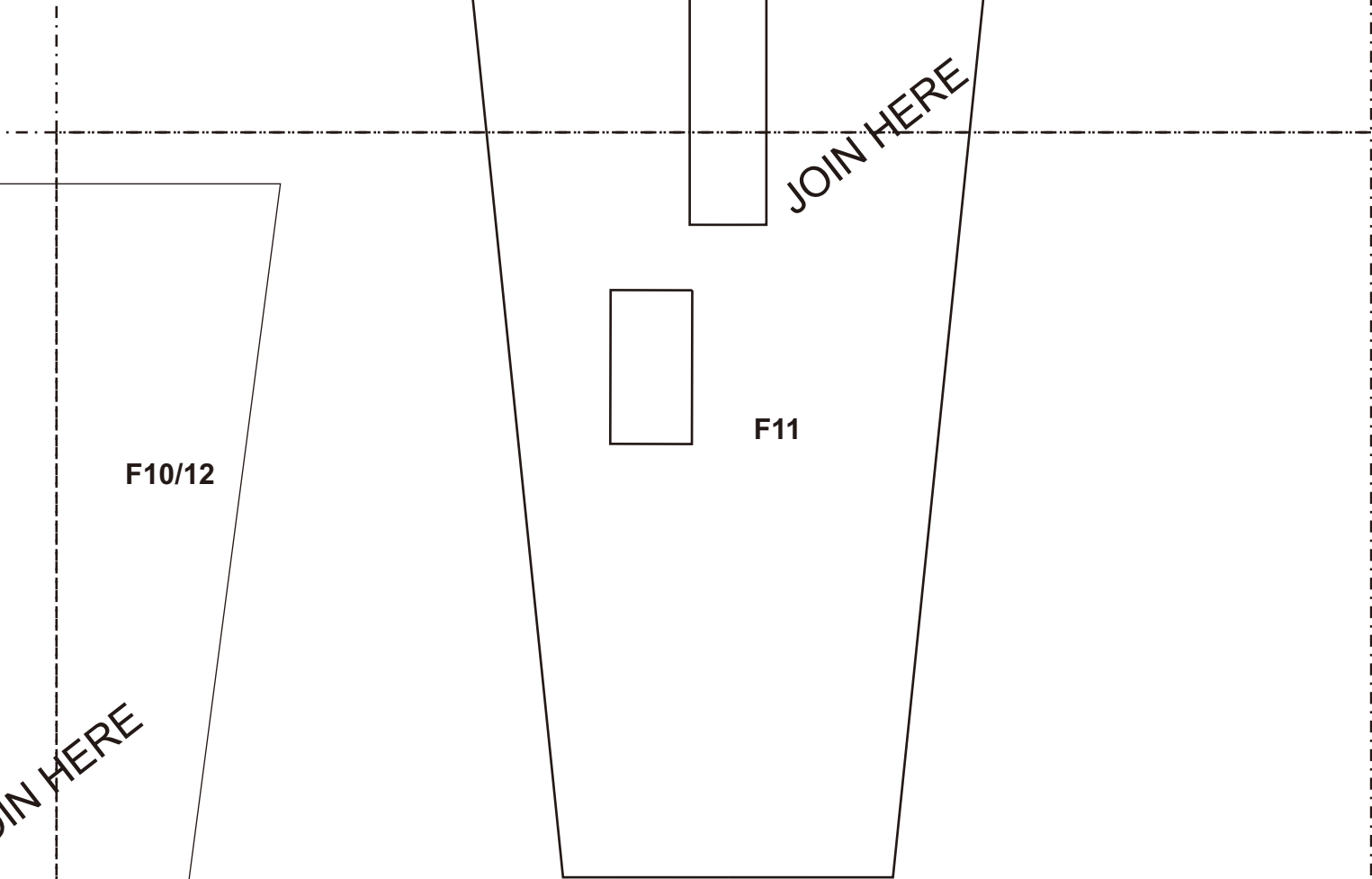
JOIN HERE

JOIN HERE

F11



JOIN HERE

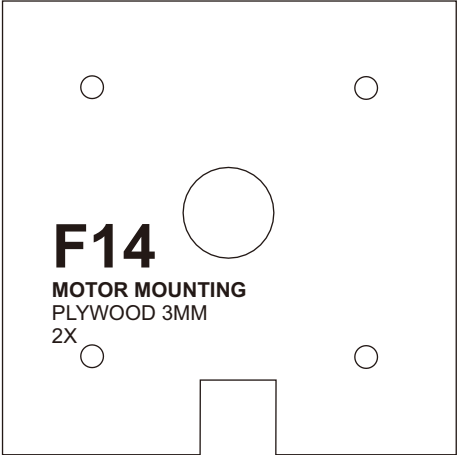
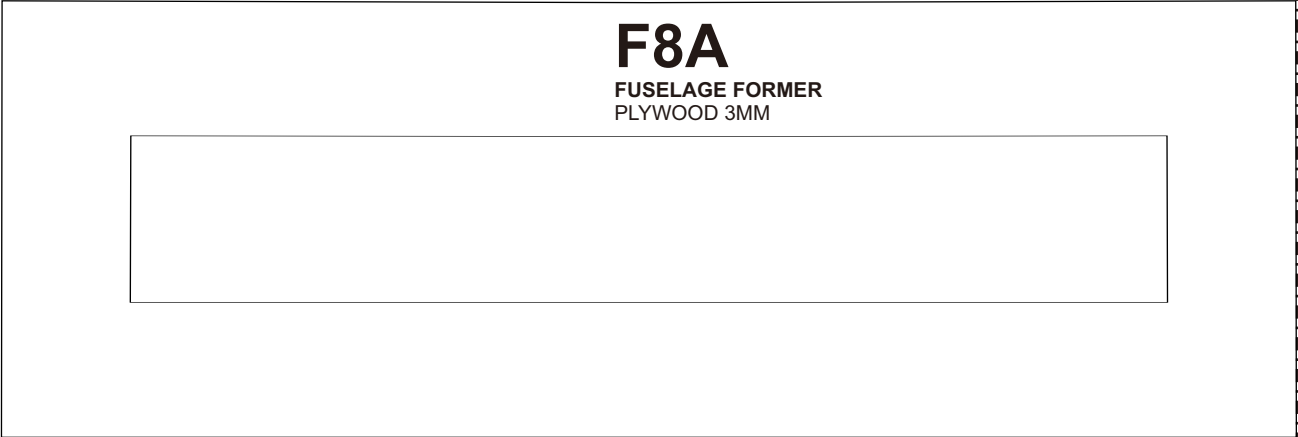


F10/12

F11

F8A

FUSELAGE FORMER
PLYWOOD 3MM



F14

MOTOR MOUNTING
PLYWOOD 3MM

2X

F10/12

FUSELAGE
POLYFOAM/
DEPRON 5MM
2X MIRRORED

JOIN HERE

JOIN HERE

JOIN HERE

F10/12

JOIN HERE

JOIN HERE

F10/12

SERVO ON
LEFT SIDE

F13



JOIN HERE

JOIN HERE

F13

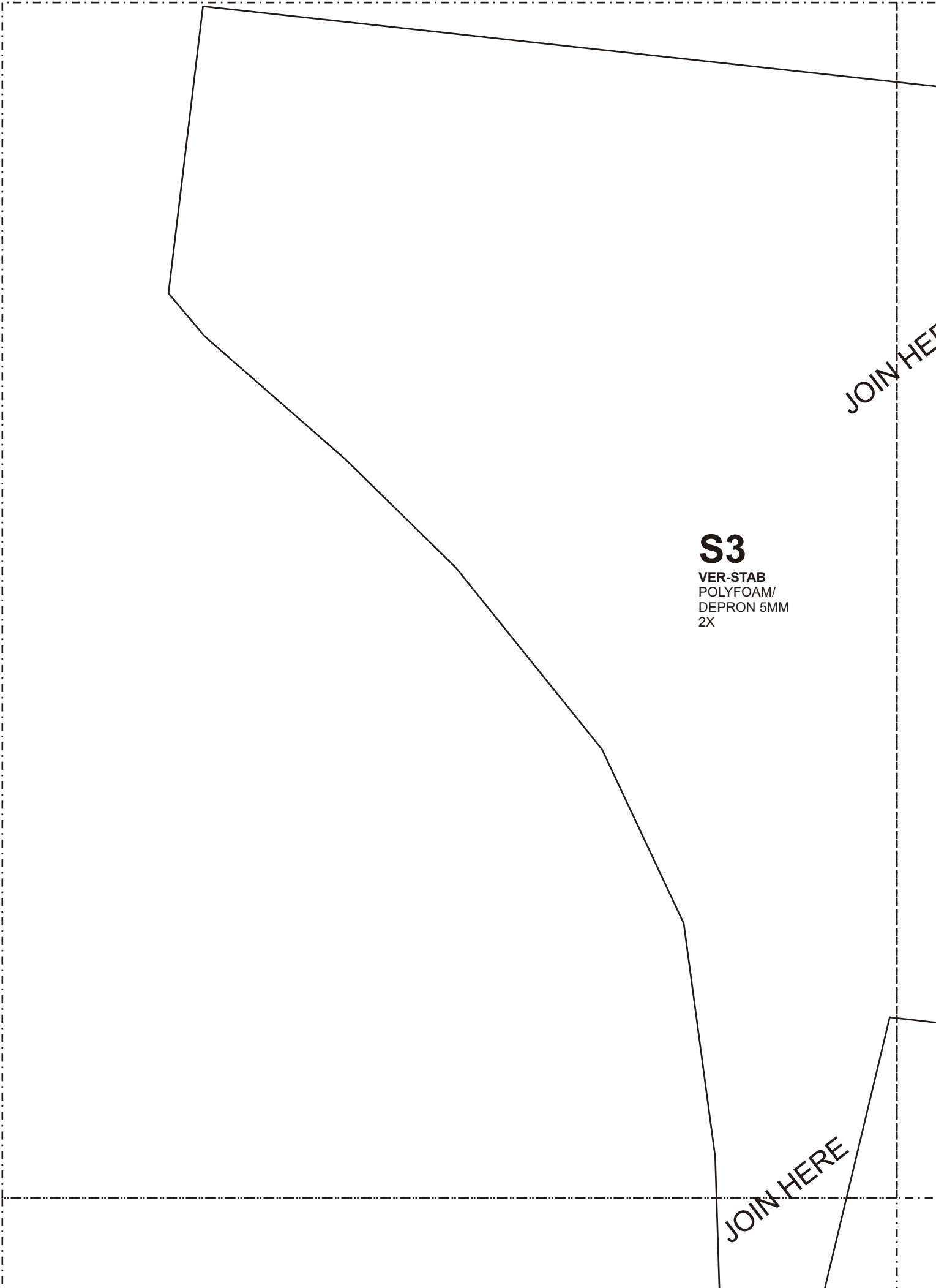
FUSELAGE
POLYFOAM/
DEPRON 5MM



JOIN HERE

JOIN HERE

F13



JOIN HERE

S3

VER-STAB
POLYFOAM/
DEPRON 5MM
2X

JOIN HERE

JOIN HERE

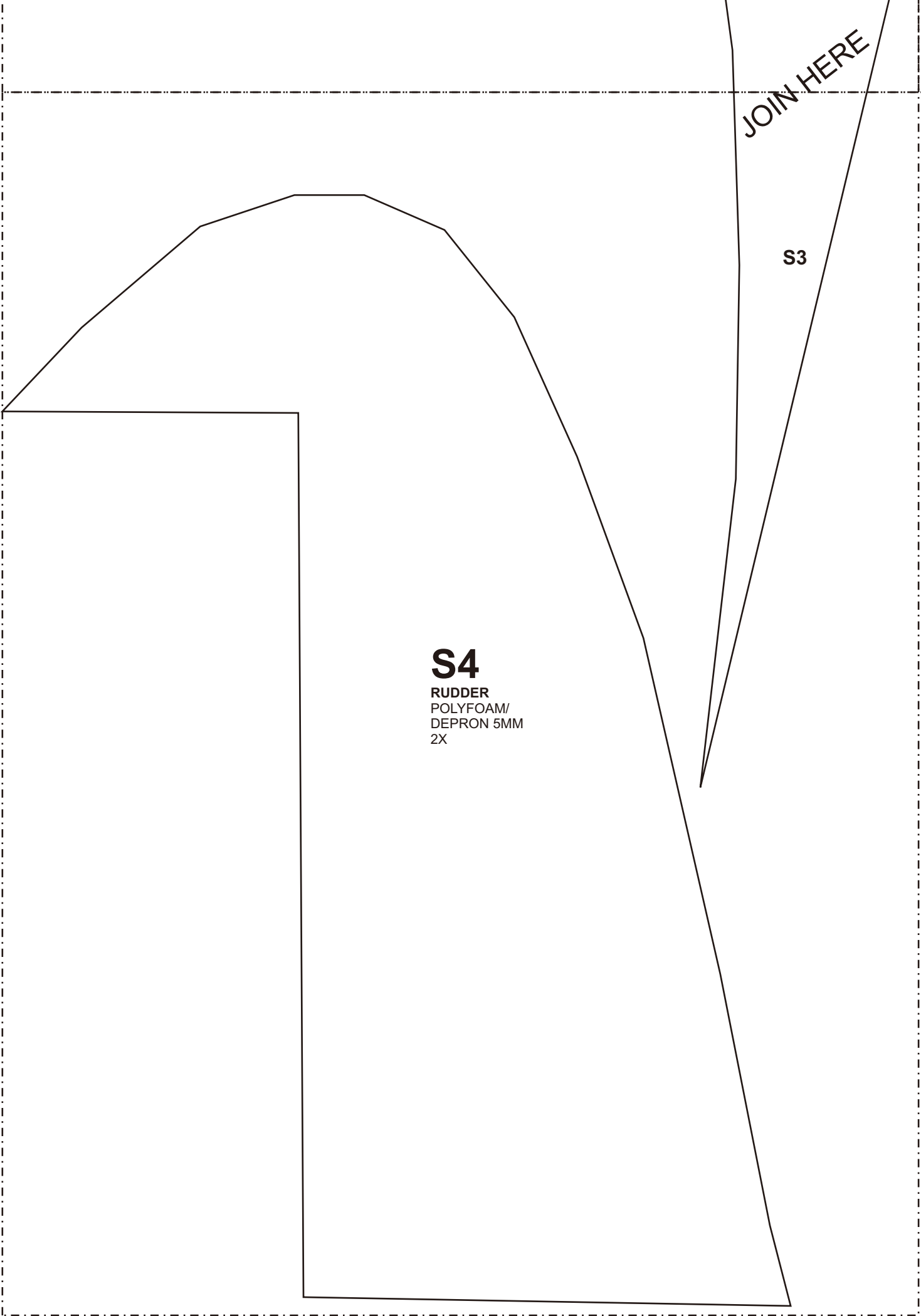
S3

JOIN HERE

S3

S4

RUDDER
POLYFOAM/
DEPRON 5MM
2X



S2B

ELEVATOR JOINER
PLYWOOD 3MM
2X

CUT FOR MAKE S2A

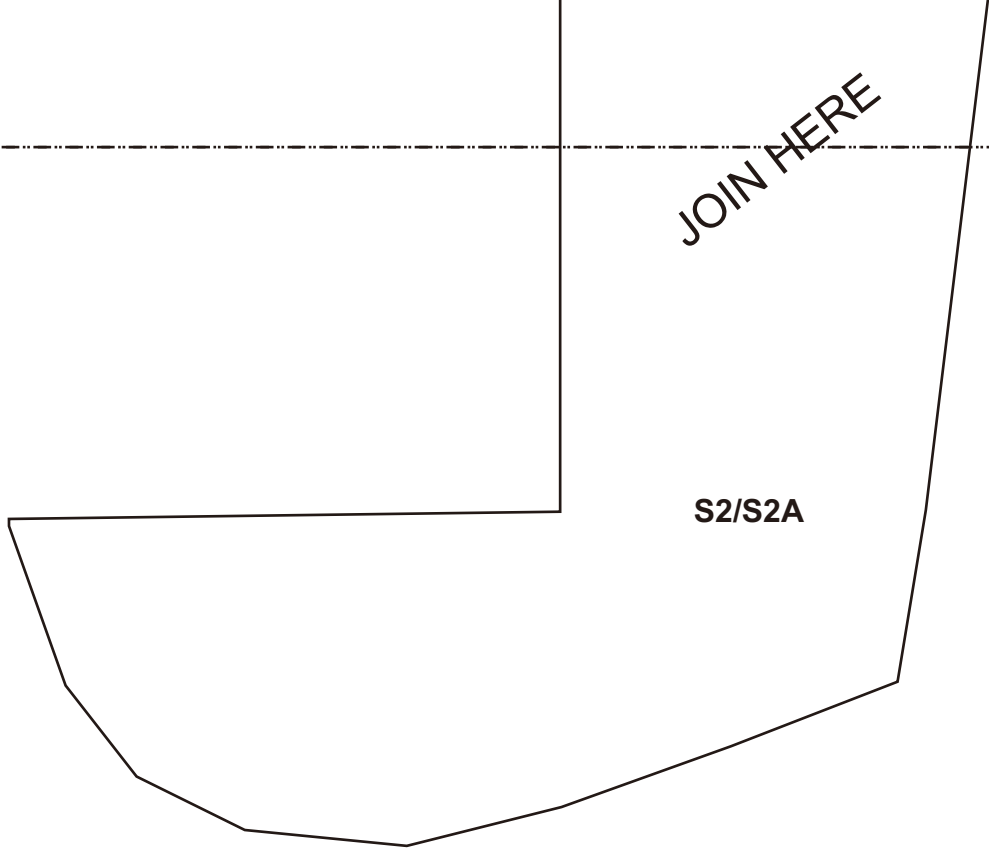
S2/S2A

ELEVATOR
POLYFOAM/
DEPRON 5MM
4X

JOIN HERE

JOIN HERE

S2/S2A



P4

FLOAT
POLYFOAM/
DEPRON 5MM
2X MIRRORED



P5

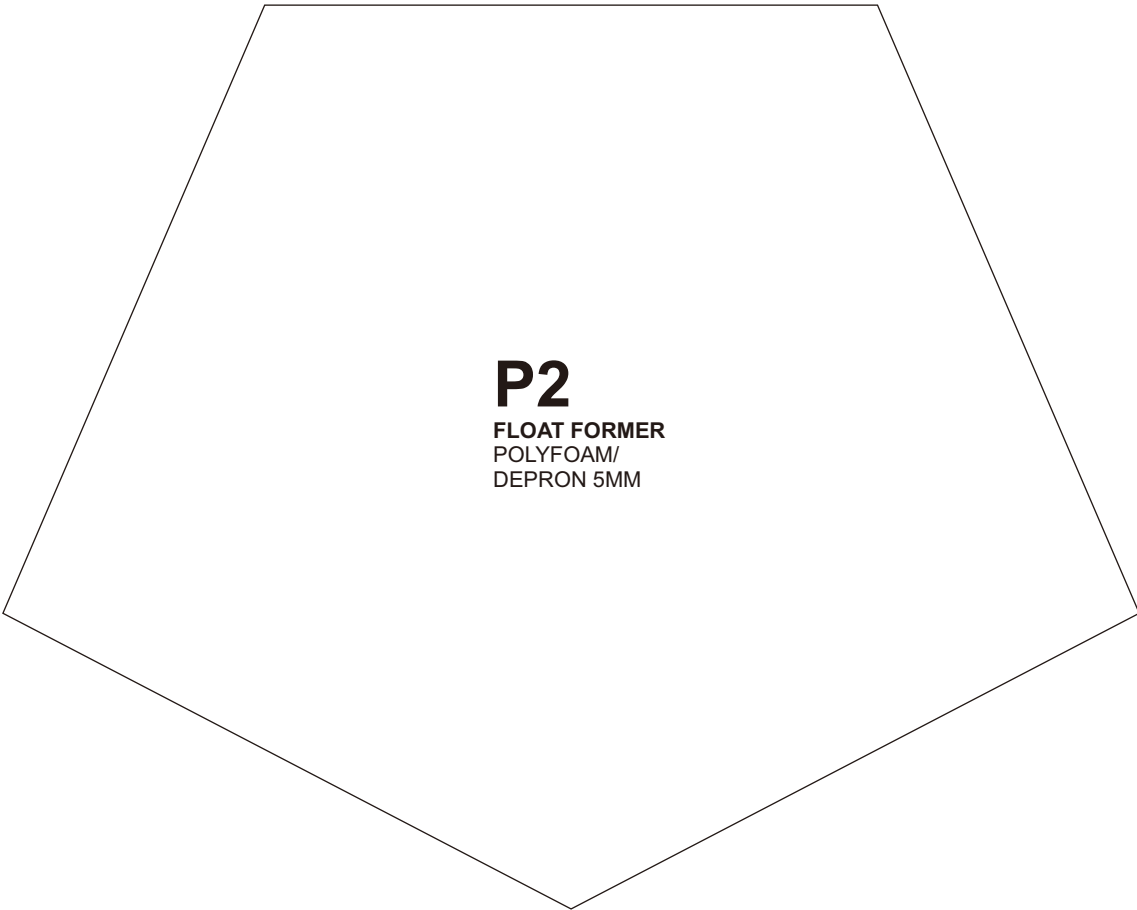
FLOAT BOTTOM
POLYFOAM/
DEPRON 5MM
2X MIRRORED





P3

FLOAT FORMER
POLYFOAM/
DEPRON 5MM



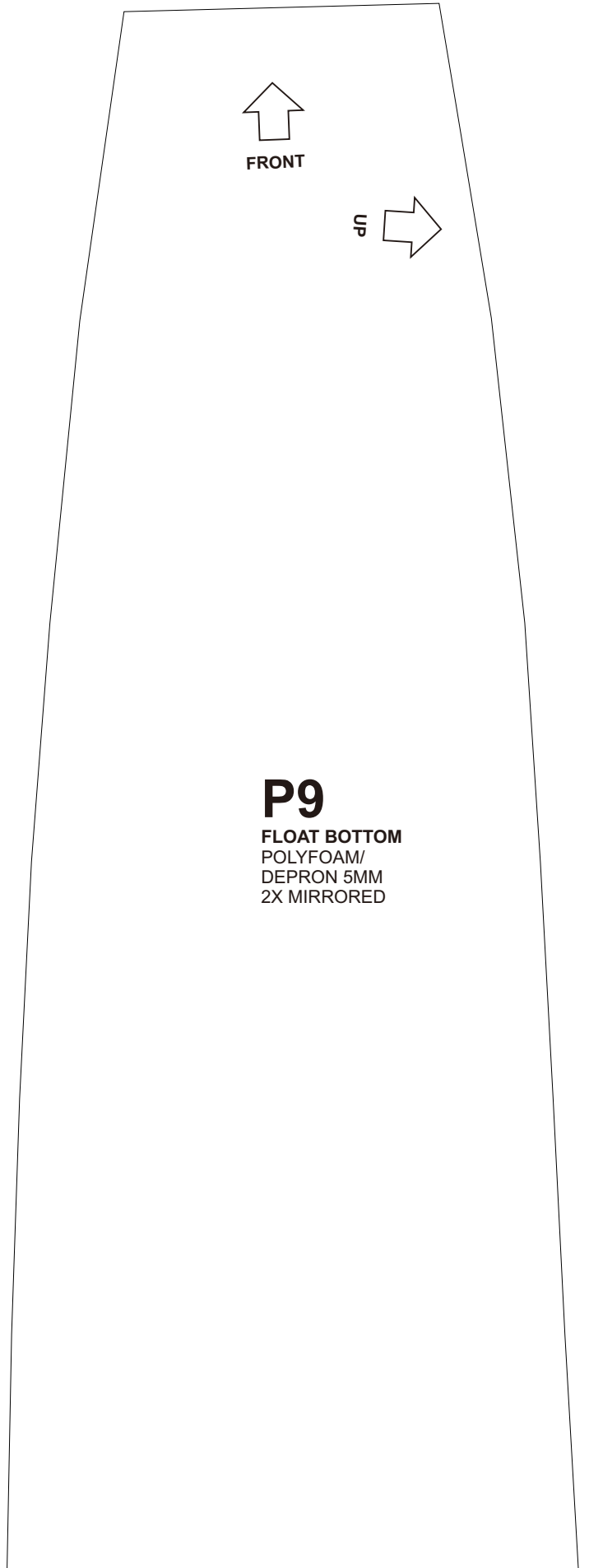
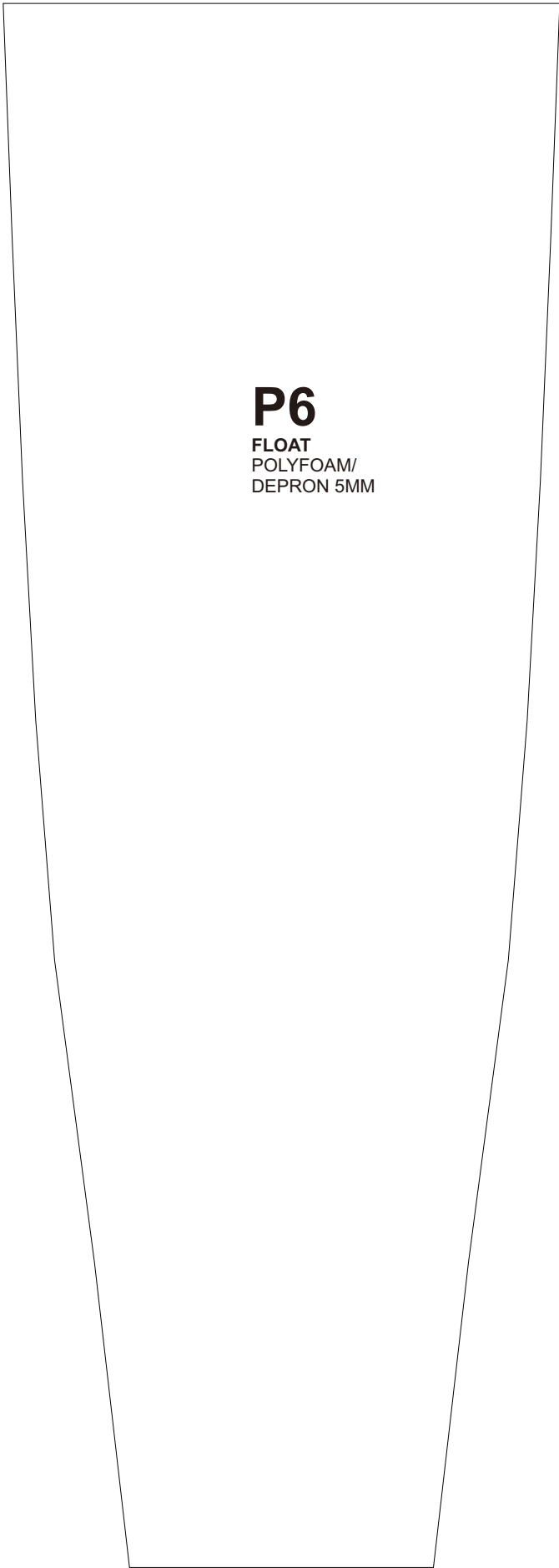
P2

FLOAT FORMER
POLYFOAM/
DEPRON 5MM



P8
FLOAT
POLYFOAM/
DEPRON 5MM
2X MIRRORED

P7
FLOAT FORMER
POLYFOAM/
DEPRON 5MM



P10

FLOAT
POLYFOAM/
DEPRON 5MM

JOIN HERE

P12

FLOAT BOTTOM
POLYFOAM/
DEPRON 5MM
2X MIRRORED



JOIN HERE

JOIN HERE

JOIN HERE

P10

P12

JOIN HERE

JOIN HERE

JOIN HERE

P10

JOIN HERE

P12

P11

JOIN HERE

JOIN HERE

P11

FLOAT
POLYFOAM/
DEPRON 5MM
2X MIRRORED



JOIN HERE

JOIN HERE

P11