Fixing Pack Includes:
· 7 or 8 M5 x (40mm door) / 50mm (54mm door) screws
· Spindle alignment tool (Black component in foam packaging)
· 8mm Key (when applicable) 44mm/54mm spindle (dependent on door thickness)

Tools Required:
· Electric drill/driver
· 12mm Drill Bit
· Jig Saw
· Pencil
· Straight edge
· Tape measure

Note:
Remove the white nylon locking screw on the drive box at the side before installing

1. Firstly, cut out the hole in the door to size for the panel using the drawings as guidance, drawings 1 and 2 give guidance for both 800mm x 250mm and 400mm x 400mm panel.
2. Apply the longer 10mm x 2mm intumescent around the edge of the corridor side of the glass. As shown in drawing 3.
3. Apply the shorter 10mm x 2mm intumescent to the 3mm thick section of surround as shown on drawing 4.
4. The remaining wider white intumescent needs applying to the inner perimeter of the window aperture or around the panel.
5. Using drawings 1 and 2, dependent on the panel size. Drill out the holes for the stainless steel surround fixings.
6. The 3mm thick surround goes on the bedroom side, this has the welded lugs. Place this side on the face of the door using the lugs to locate and position the surround accurately.
7. Fit the panel into the aperature in the door holding the surround and panel in place.
8. Place the 1.5mm pressed surround on the door face and loosely screw the fixings in place. (Pressed surround to be facing corridor)
9. Look through the operator hole and assess whether the panel needs packing to align the spindle operator. Ideally, the holes should line up exactly. If not, the panel may have a stiff operation.
10. Insert the alignment tool through the hole and test for smooth operation. If all is well, tighten all fixings up fully.
11. Remove the spindle alignment tool and replace with the spindle set provided.
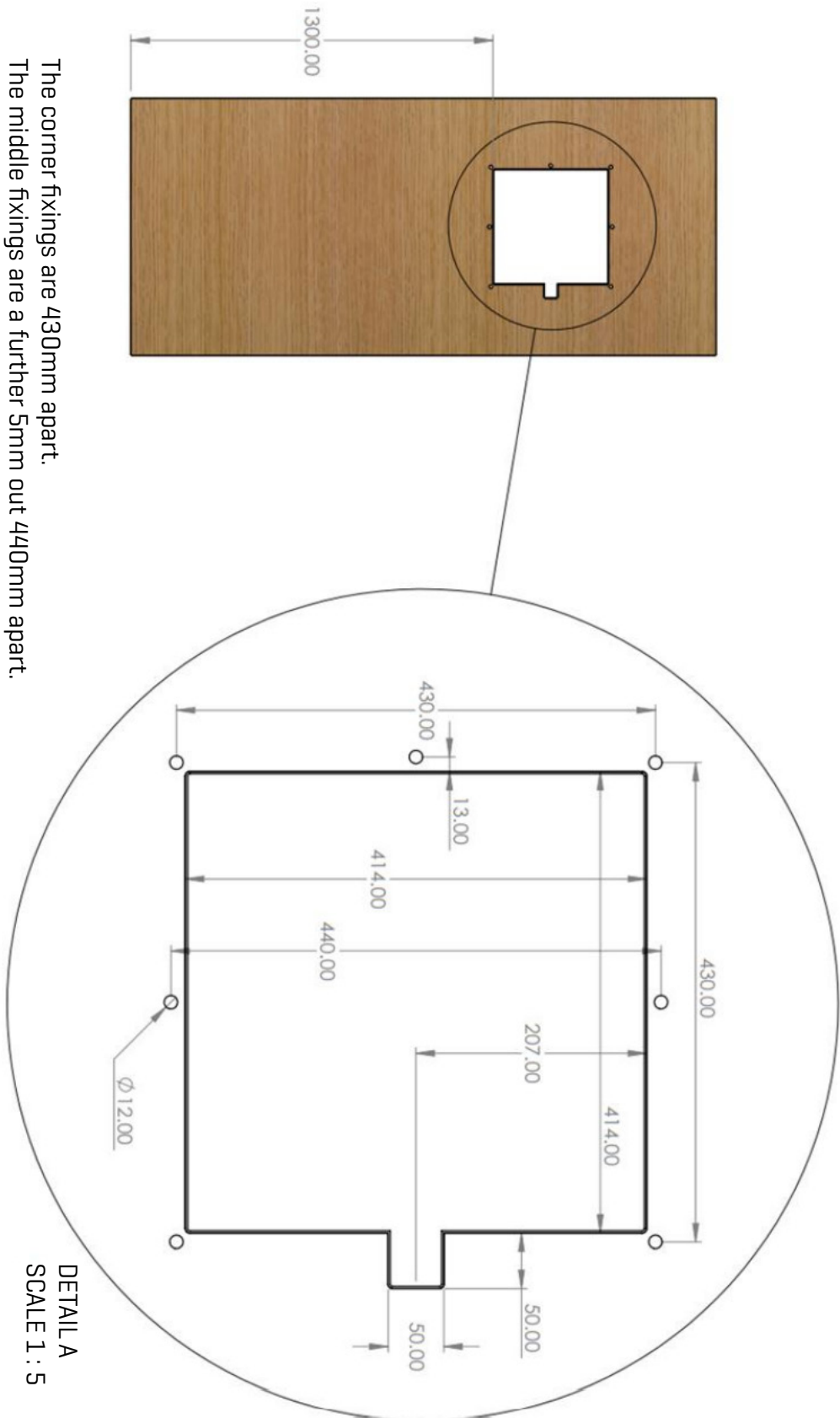
Note:
See operator specific fitting instructions for the next steps

WARNING:
All products must be fitted as per the directions detailed within this instruction document. Hipac takes no responsibility for incorrect installation/operation of the product. By purchasing this product, you are confirming this product will be fitted as per the instructions.
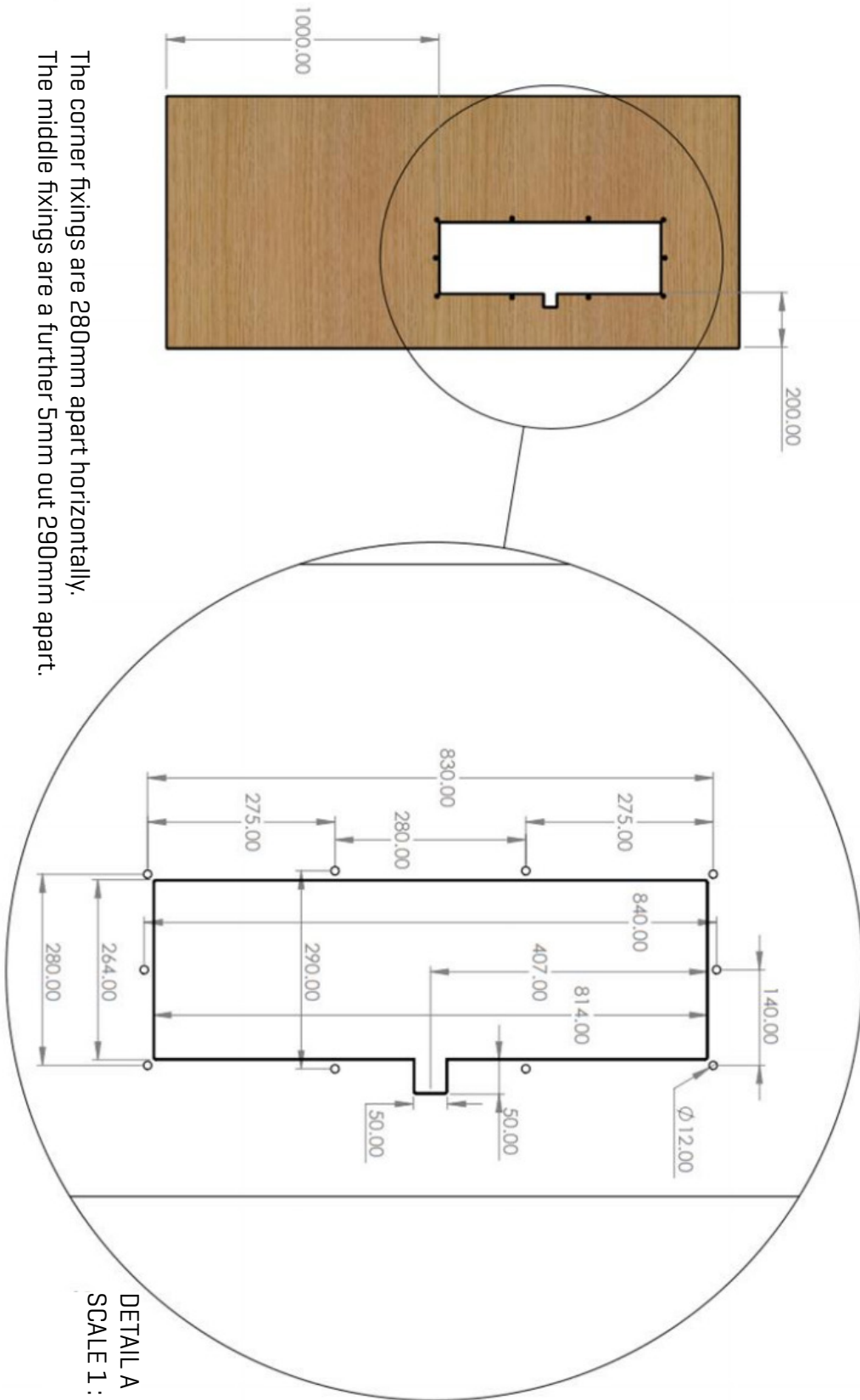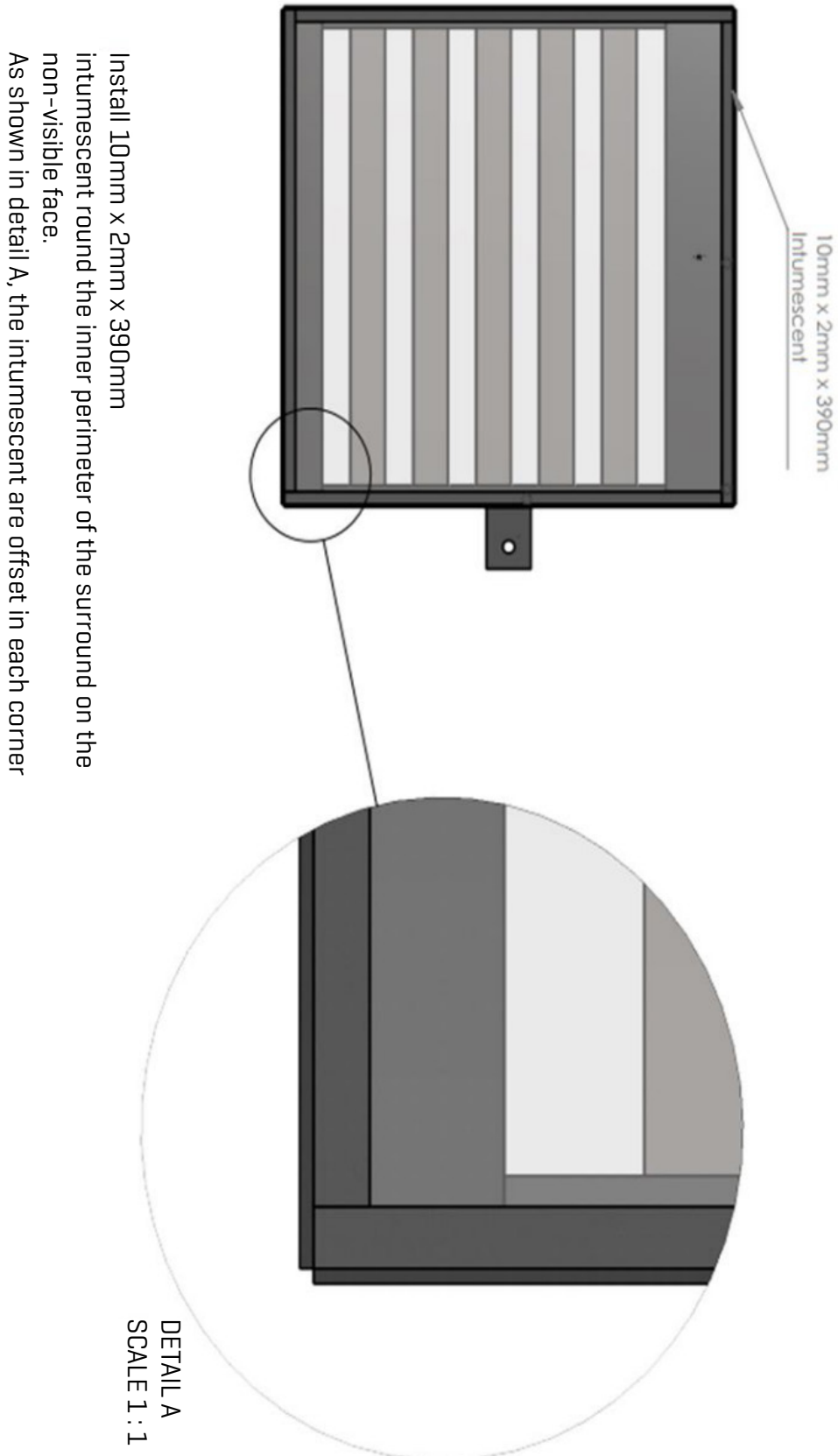
Drawing 1

The corner fixings are 430mm apart.
The middle fixings are a further 5mm out 440mm apart.

1300.00

430.00

13.00

414.00

440.00

207.00

414.00

430.00

50.00

50.00

⌀12.00

DETAIL A
SCALE 1 : 5

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Drawing 2

1000.00

200.00

The corner fixings are 280mm apart horizontally.
The middle fixings are a further 5mm out 290mm apart.

DETAIL A
SCALE 1 : 8

830.00

275.00

280.00

275.00

840.00

280.00
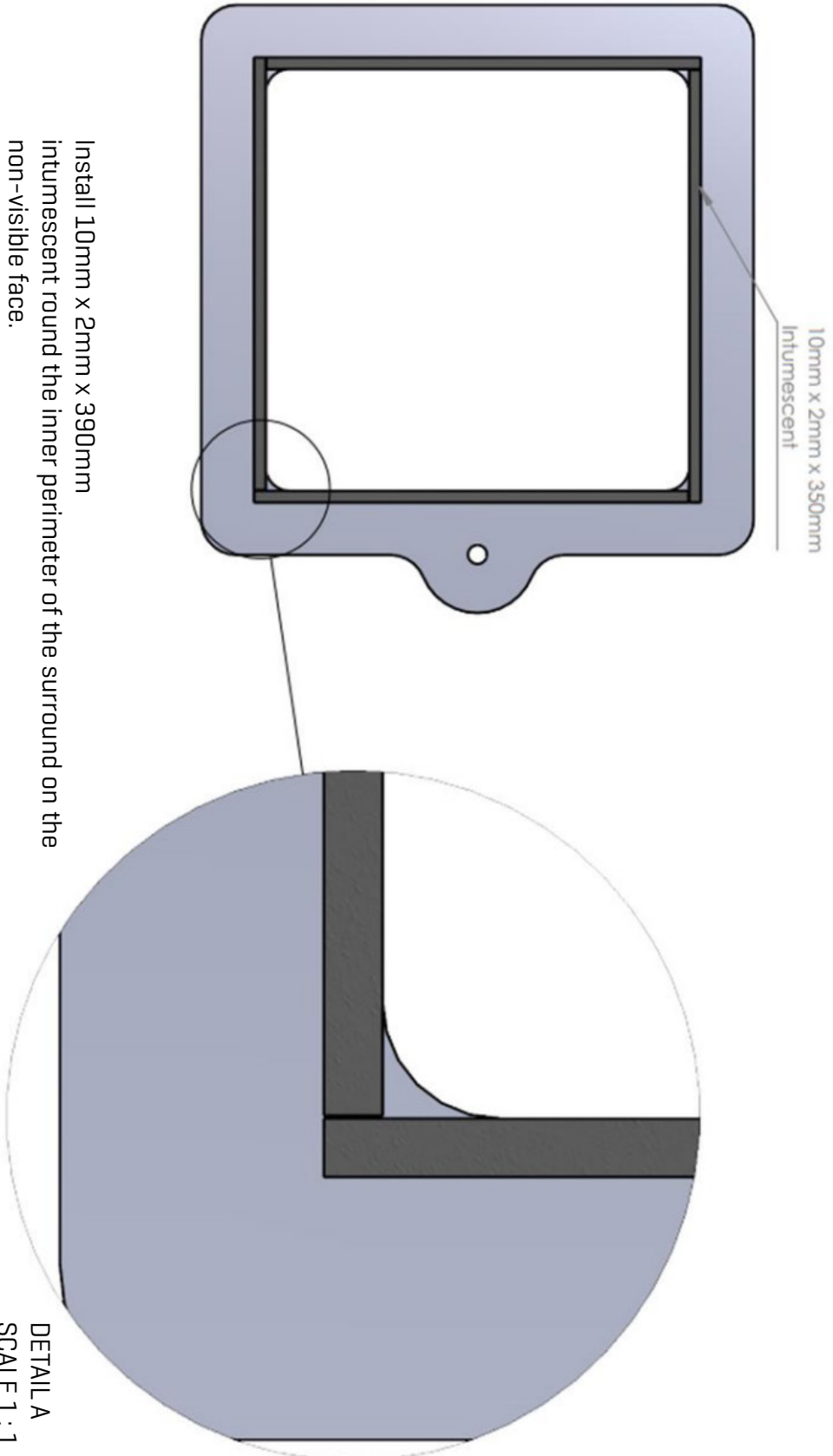
264.00

290.00

407.00

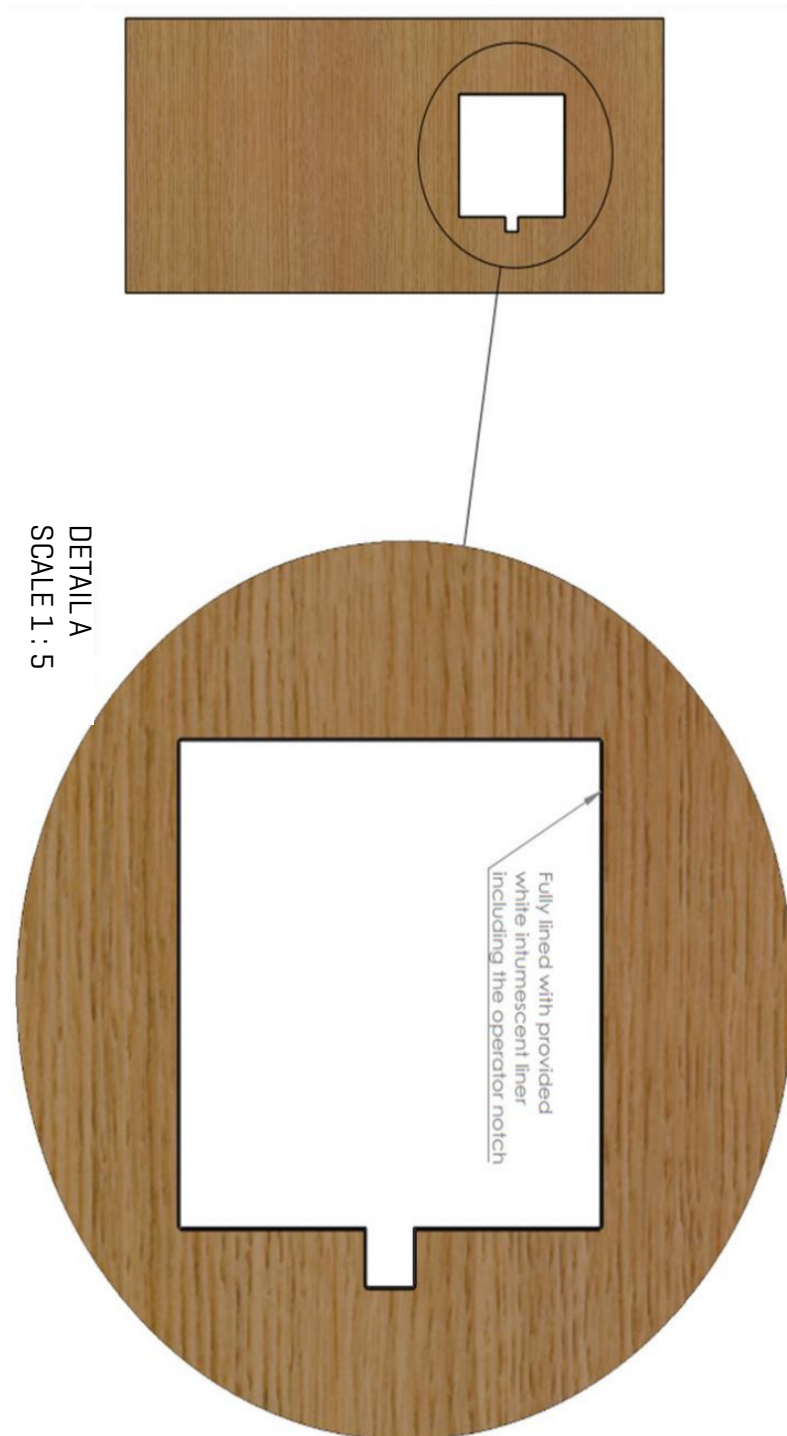814.00

140.00

50.00

50.00

Ø 12.00

Drawing 3

Install 10mm x 2mm x 390mm intumescent round the inner perimeter of the surround on the non-visible face.
As shown in detail A, the intumescent are offset in each corner

10mm x 2mm x 390mm Intumescent

DETAIL A
SCALE 1 : 1

Drawing 4

Install 10mm x 2mm x 390mm intumescent round the inner perimeter of the surround on the non-visible face.
As shown in detail A, the intumescent are offset in each corner

10mm x 2mm x 350mm Intumescent

DETAIL A
SCALE 1 : 1

Drawing 5

DETAIL A
SCALE 1 : 5

Fully lined with provided
white intumescent liner
including the operator notch

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