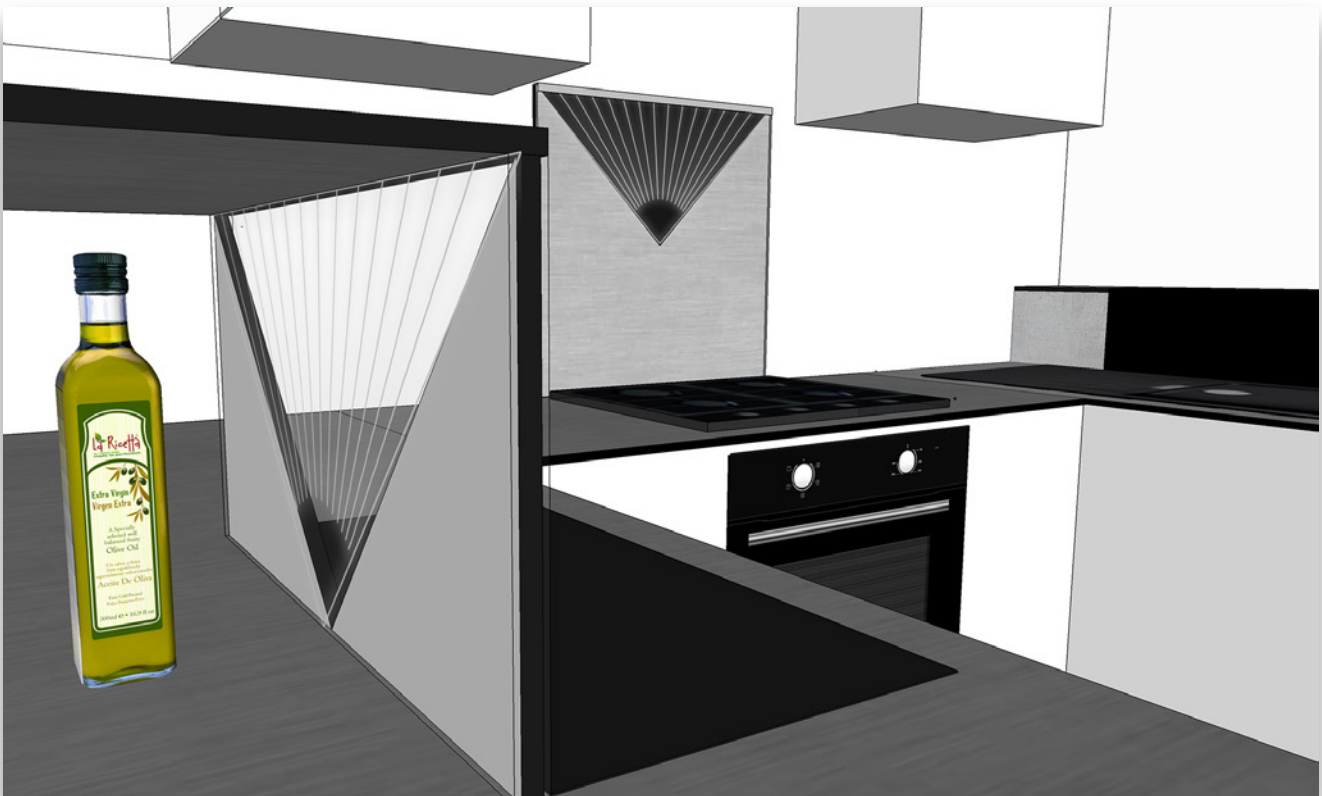
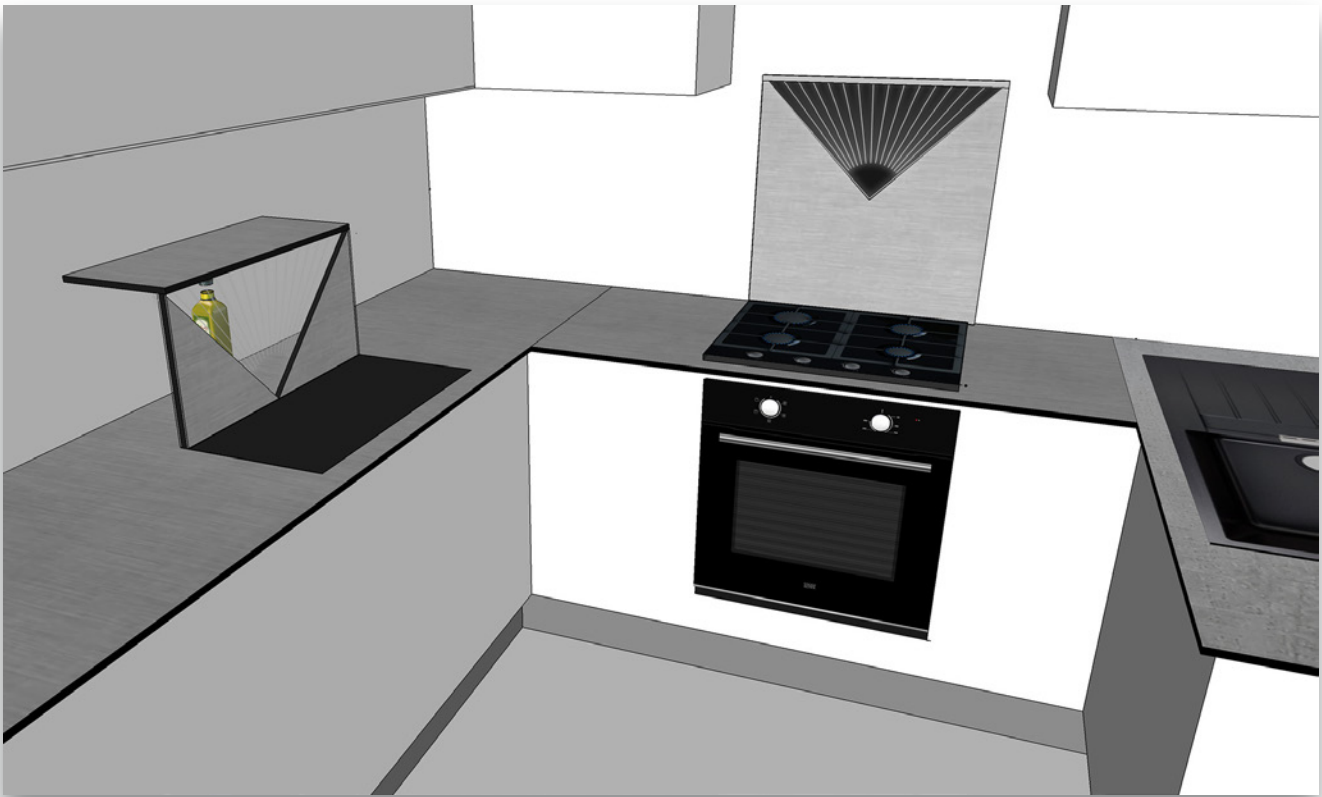


Edge-Lit Shelving and Backsplash

80 St Bartholomews Road, NG3 3ED



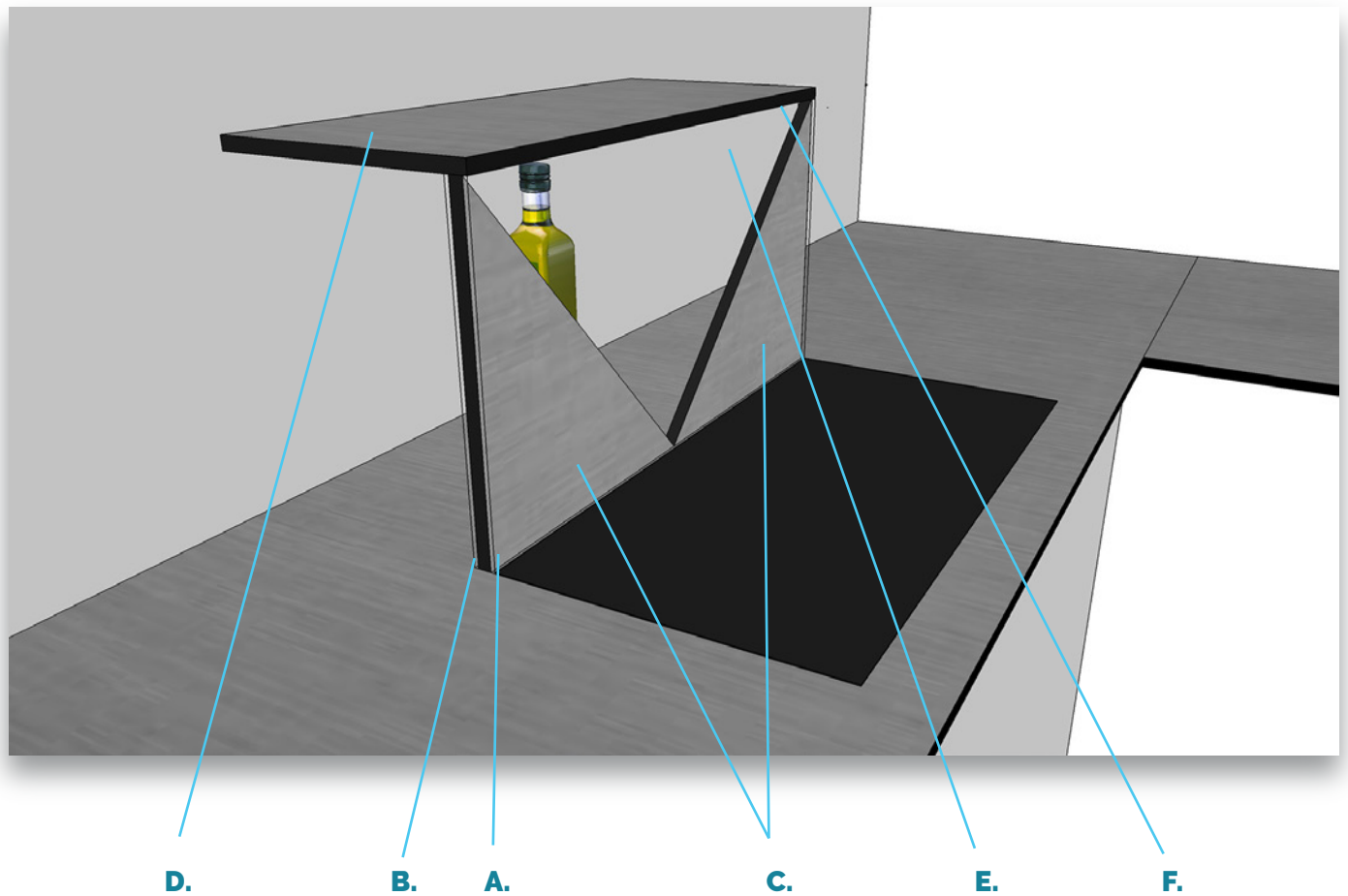
Design Planning

Contents

1. Materials Overview - Edge-Lit Shelf
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4. In-Situ Pictures
5. Backsplash and Shelf Support Cutting
6. Constructing the Edge-Lit Shelf
7. Tiling the Floor
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Edge-Lit Shelf

Diagram

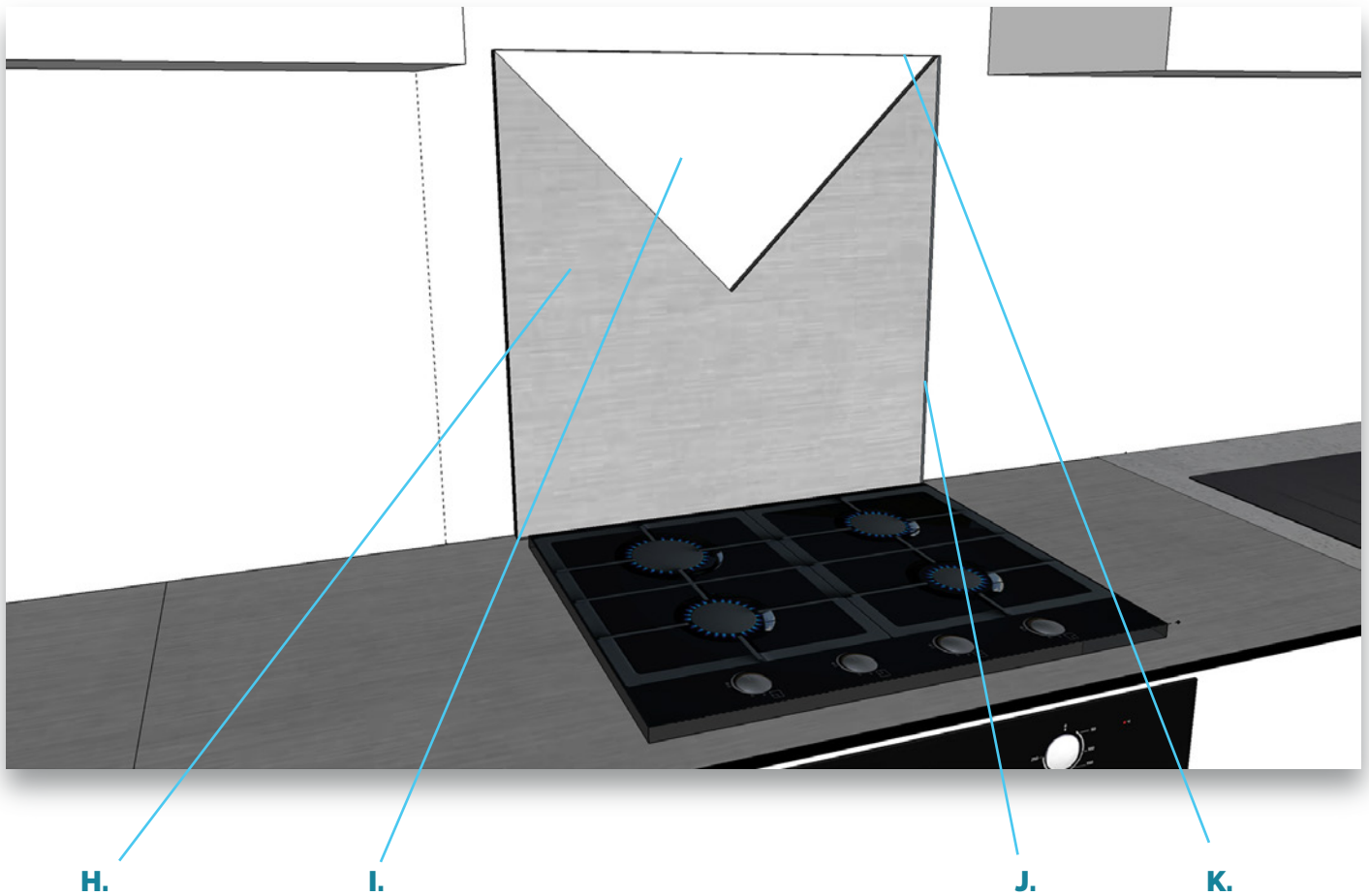


Materials Overview

- A.** (1 piece) 610 x 310 (plus the depth of upright recess) x 4mm Toughened Glass (front)
- B.** (1 piece) 610 x 310 x 4mm Toughened Glass (back)
- C.** (2 pieces) triangular pieces of 12.5mm Exilis Solid Core Laminate
- D.** (1 piece) 610 x 240 x 12.5mm Exilis Solid Core Laminate
- E.** (1 piece) Edge-lit Acrylic (depth to be confirmed - to sit on 12.5mm Exilis and inbetween 2 pieces of 4mm toughened glass - to be cut from a single piece to make both edge lit pieces see page)
- F.** (1 piece) LED Strip to downlight
- G.** Trim or angle to finish and cover LED strip (if needed)

Edge-Lit Backsplash

Diagram



Materials Overview

H. 1 x 610 x 620 x 12.5mm Exilis Solid Core Laminate *(with piece cut-out for edge-lit)*

I. 1 x Edge-lit Acrylic *(depth to be confirmed - to sit on 12.5mm Exilis and behind 1 piece of 6mm toughened glass - to be cut from a single piece to make both edge lit pieces see page)*

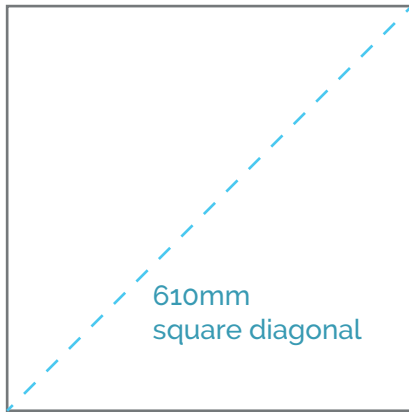
J. 1 x 610 x 620 x 6mm Toughened Glass

K. 1 x LED Strip to downlight

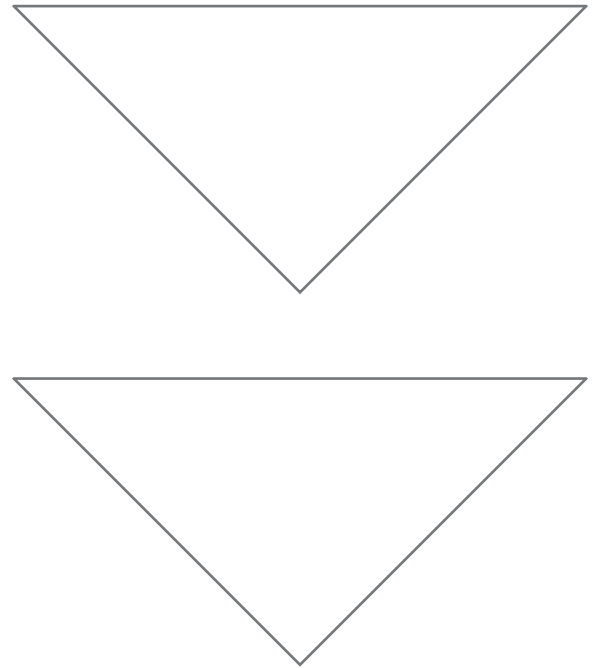
L. Trim or angle to finish and cover LED strip *(if needed)*

Edge-Lit Acrylic Square Master Piece

1 x Acrylic piece cut down the diagonal to make 2



Cut on the diagonal
to make the
2 Edge-lit pieces

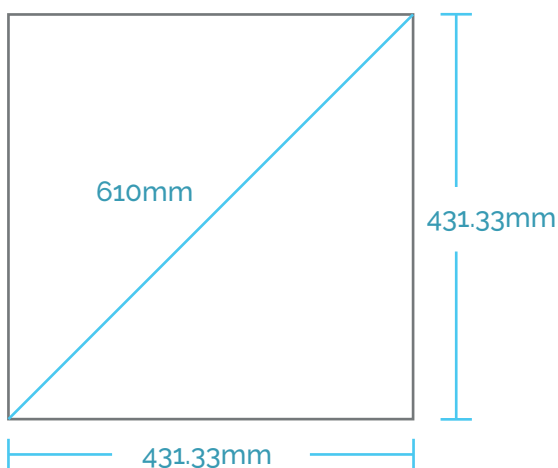


$$2 s^2 = 372100$$

$$s^2 = 186050$$

$$s = 431.33\text{mm}$$

Square Piece Accurate Dimensions



In-Situ Photos

Edge-Lit Shelf Position



Edge-Lit Shelf and Backsplash with Exilis Example

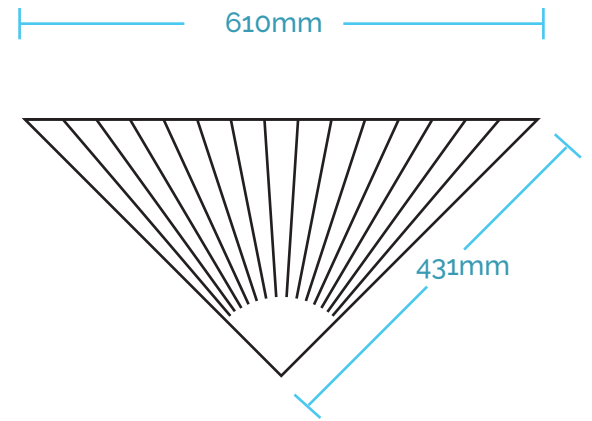


Backsplash and Shelf Support Cutting

Cutting the Exilis Solid Laminate for Backsplash

The Exilis Solid Laminate Piece - 610x758mm

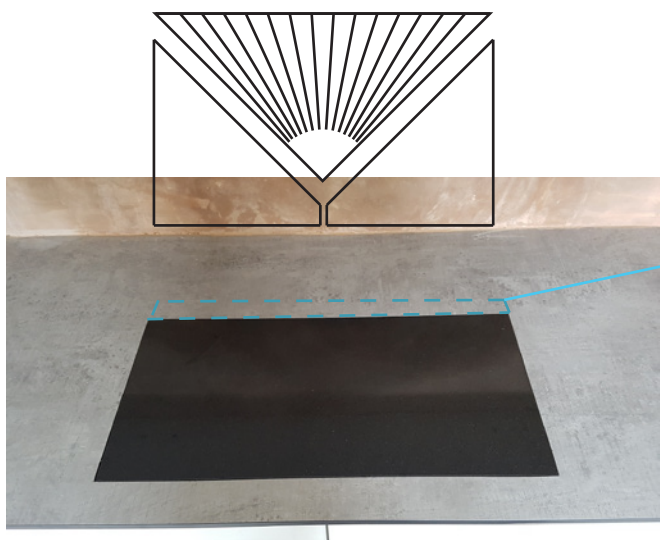
The 10mm clear acrylic piece to slot in



Cut the triangle out to house the 10mm acrylic triangle. The cut-out triangle will then be used for the 2 sides for the shelf upright.

Leave a few mm to countersink into work-surface where the chopping board is to give stability - see below.

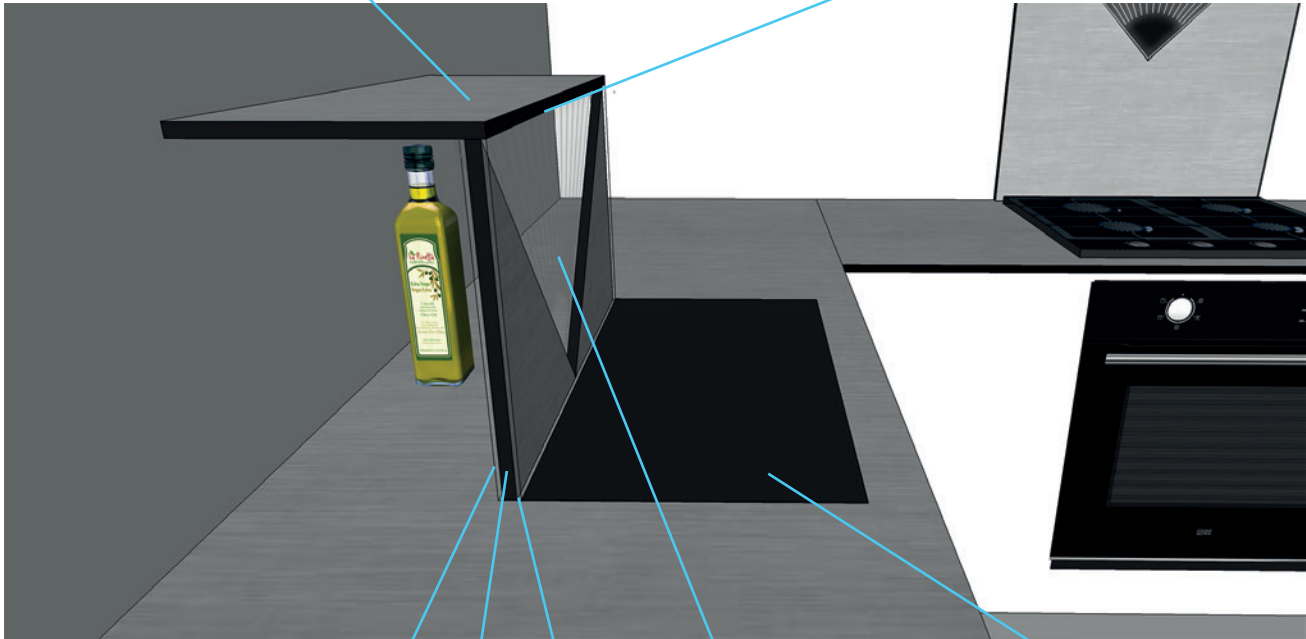
Using the cut-off bits for the Edge-Lit Shelf Support



Constructing the Edge-Lit Shelf

12.5 mm depth Exilis Solid Laminate for top shelf. Width 610mm, Length dependent on how we hide the LED strip.

LED Strip to downlight acrylic. Needs to be hidden by trim or routing in the laminate - in that case the laminate will need to have an overhang



4mm thick toughened glass counter sunk to hold stable

610 x 305mm counter sunk granite chopping board

4mm thick toughened glass counter sunk to hold stable.

12.5mm thick Exilis Solid Laminate counter sunk. Pieces cut from the Backsplash piece. Pieces to be counter sunk to give stability. Edge/shelf height to be 310mm from top of worktop. add the height of counter sunk hole.

Tiling the Floor



Tile on top of old tiles. Just the one kind of new tile.

Finishing Pieces

There is plenty of the Exilis 12.5mm Solid Laminate left and granite tiles.
To finish I would like - in order of priority

1. Exilis and Granite mix Backsplash behind the tap.
Design to be finalised but pretty much like this



2. Box in the piping above the top cabinets.



3. Extra shelving made from the Exilis.