

## Tools needed



Paint scraper



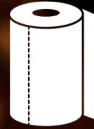
Sharp knife



Rubber mallet



Pliers



Paper towels



Sponge



Window cleaner



Sealant gun



Spirit level

# mila

## Contents



Front



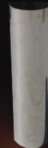
Door



Fire mat



Base



Flue



Oven



Outer shell



Insulation



Fire cement  
& silicone



Chicken wire

A step by step guide on  
how to build your mila  
60 oven...

Before you start building your mila 60 oven please see the back of this booklet to make sure you have all the tools needed.

If you have purchased one of our mila stands please see separate booklet on how to assemble.

Once you have your base and hearth built please make sure that it is flat and level.

1- Use a small amount of the supplied silicone to fix down the pre-cut insulation board. Where you place this is where your oven will be sitting. Make sure you allow 4mm at the front for the arch if you would like it to be flush with your hearth.

2- Lay your floor pieces onto the board, this can be dry fitted. If for some reason the floor pieces are not level you can use some general sand to pack underneath.

3- Start with placing the front right section of the cast dome flush with the front of the floor piece but overhanging on the edges by approx. 5mm. You can use a piece of timber to hold this in place.

4- Next place the front left section into place and remove the timber.

5- Follow these steps with the back right and back left, using a rubber mallet tap the pieces together.

\*please note that having gaps in the joints is better than not, this will help with the expansion and contraction during curing.

6- Place in the top round piece

7- Using the supplied fire cement, go round all the joints on the inside and out, you are best to use a painters scraper on the exterior and your fingers for the inside. (be sure to wash your hands after)

8- Using some water and a sponge clean up the inside of the dome, go around all the edges to ensure you have a nice tidy looking oven.

## Diy kit with Render arch

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9- If you are rendering or finishing your oven yourself then using the silicone, fix on your steel arch to the front of the dome.

10- Place the insulation blanket around the dome and using a stanley knife cut away the excess, by cutting slits in the blanket (around half way up to the top) this will help it sit better on the curve of the dome. Fill in any more voids with the remaining insulation.

11- Using the same technique as the blanket do the same with the wire mesh. A good way to keep it tight is to use the snips and twist the mesh together. Make sure you have a nice round dome shape to make it easier for render.

13- Cut away the inside of the hole for the flue with a stanley knife and place in the flue, this can be secured using the silicone.

14- Render or finish the oven as desired (render mix should be done in two stages scratch coat then top coat at a ratio of 5:1:1 (sand: cement: hydrated lime))

## Diy kit with fibreglass shell

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13- As your fibreglass shell comes with the insulation already inside, carefully place this over the dome so it sits on top of your hearth, as this will be a tight fit use your hands to push down on the top.

14- Using the silicone fix your arch to the front of the dome so that the edge are flush with the fibreglass.

15- Once this is all in place you will then need to bead all the edges, including around the flue, arch and the bottom of the fibreglass to make it water tight. Once you have applied this spray with window cleaner and using your finger make a nice tidy bead along all edges. Now you ready to start curing your oven!