DOMESTIC WOODBURNING OVENS

ZIO CIRO
Genuine Italian woodburning ovens
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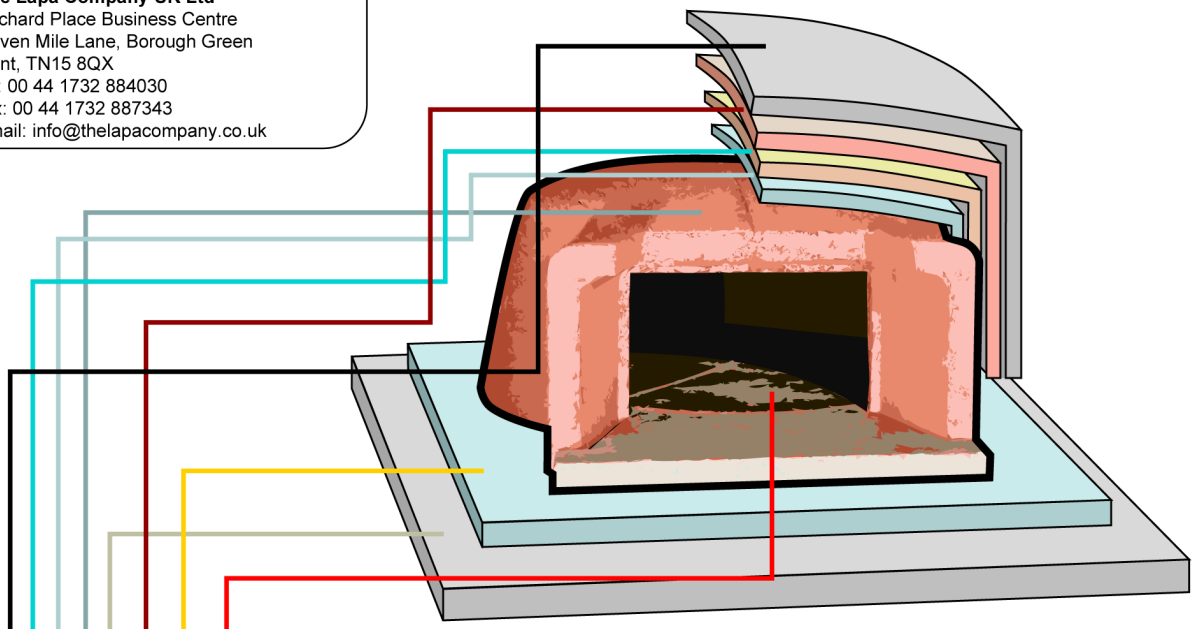
ASSEMBLING INSTRUCTIONS



1. **REINFORCED CONCRETE SLAB**
Prearrange a solid base, distant from dampness filtrations;

2. **INSULATING CONCRETE**
Make an untilled piece 5 cm. thick of concrete made of cement 4,25, expanded argil and sand;

3. **OVEN BASE**
Put the base elements stuck together in the centre; we advise to apply some fire-proof plastic cement under some bits of the above said elements and plaster with the same cement;

4. **FIRE-PROOF PLASTIC CEMENT**
The cement must be applied only: under the base,
in between the base elements (a tooth pick must be used as a spacer);

5. **COWL OF THE OVEN**
Position the elements of the cowl fitting them together
applying a bit of fire proof cement in between the joints and plaster the leaks from the outside of the cowl;

6. **INSULATING CONCRETE**
Make above the cowl an insulating layer of concrete
high 10/15 cm made of common lime and expanded argil;

7. **SMALL MINERAL WOOL-MATTRESS**
Apply a layer of mineral wool in small mattress.

8. **FILLING**
Fill the space between the oven and the external bricks with expanded clay or with remains of material remained from the assembling of the oven.

9. **FINAL TOUCH STRUCTURE**
The external final cover must be done with bricks or other preferred material.

* cover to own liking, considering the importance of making the product protected by dampness and water infiltrations.

In order to avoid a bad operation of the oven or any breakage, it is necessary to follow carefully the following instructions:
Do not make the oven work any earlier than 20 days from the end of the assemgling of the oven; this is in order to let the brick-work parts consolidate and avoid damages caused by the thermal expansions caused by the heat;
Pre-heat the oven for about 4/6 hours with embers of thick wood or with a small electric stove pointed towards the cowl in order to make any left dampness dry out;
Get the oven to operation temperature by a second starting, very gradual, avoiding violent blazes caused by too much paper, cardboard or thin wood.