

AZTEC FIRESTM OUTDOOR FIREPLACE ASSEMBLY INSTRUCTIONS

THE ESSENCE OF A GREAT NEW ZEALAND LIFESTYLE

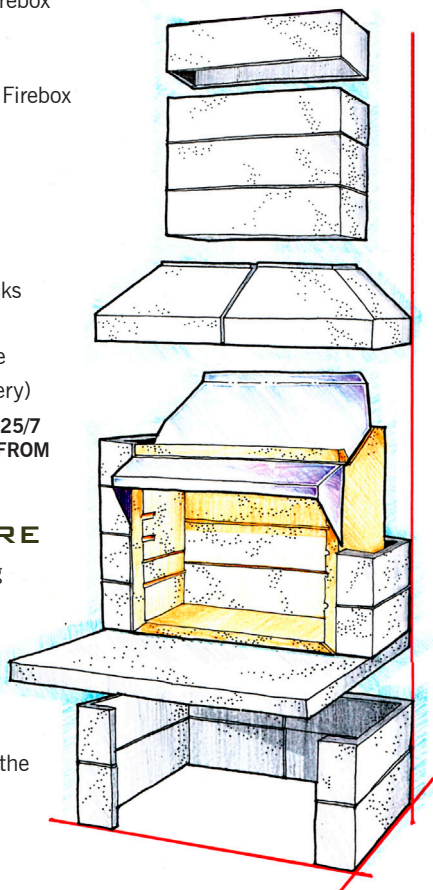
INCLUDED IN THIS KITSET

- 2 x LHS & 2 x RHS Woodbox Blocks (large "L" sections)
- 1 x plain concrete & 1 x polished & UV sealed mantle/hearth
- 4 x LHS & 4 x RHS Outer Firebox Blocks (small "L" sections)
- 1 x LHS & 1 x RHS refractory grade Inner Firebox Side Walls
- 1 x refractory grade Inner Firebox Base
- 1 x LHS & 1 x RHS refractory grade Bottom Firebox Rear Blocks
- 12 x refractory grade Firebox Rear Blocks
- 1 x steel forming bar
- 1 x 10Kg Bag of Fire Mortar
- 1 x stainless steel visor
- 1 x LHS & 1 x RHS Chimney Gathering Blocks
- 4 x Chimney Blocks
- 6 x Gorilla Grip 2 hour construction adhesive
- 1 x steel Heatwave Firegrate (separate delivery)

YOU WILL NEED TO PURCHASE 120L OF SCORIA 25/7 TO COMPLETE THE INSTALLATION, APPROX \$40 FROM MITRE 10 OR LANDSCAPING SUPPLIES STORE.

TOOLS YOU WILL REQUIRE

- A wheelbarrow or trolley is useful for moving pieces around site
- Ladder(s) or platforms when lifting the chimney pieces in place
- Grinder with masonry or diamond disc
- Mixing paddle & electric drill to mix mortar
- Stanley knife and cartridge gun for applying the Gorilla Grip
- Tape Measure and Level



ASSEMBLY TIPS

- It is a good idea to "dry fit" the various sections (Woodbox, Outer Firebox, Chimney) before applying glue. Sometimes blocks fit better into one block than the next and/or you may need to make a few adjustments with your grinder to get a snug and tidy fit.
- Use your tape measure and level to check that what you are building is level and square as you go and before you glue!
- The fire mortar starts to go off reasonably quickly (10–15 minutes). Mix only the quantity you need. 150–160mL of water per Kg is a good ratio.

FOUNDATION

- Ensure that the proposed site of installation and foundation type complies with relevant local council requirements. A PS1 is available if a building consent is required. (Most councils in NZ do not require a consent but may have bylaws around location on site, non flammable surrounds etc)
- The minimum dimension is a steel reinforced concrete slab 130cm wide (looking at the front of the fireplace) x 95cm deep x 10cm thick. This gives 5cm clearance at each corner. 140cm x 120cm x 10cm is recommended.
- The slab should be constructed in accordance with sound building practice with any loose materials removed and suitable compacted base course.

PLASTERING & PAINTING

- Once construction is completed, the fireplace should be plastered. You can use any exterior plaster system as the plaster is not exposed to heat.
- We recommend the use of masonry mesh on all external joint lines and the centre join on the Gathering Blocks.
- The plaster should be sealed using a "lime lock" undercoat and then painted in the colour of your choice.



SAFETY WARNINGS

- The two mantle pieces (approx. 90Kg each) and two gathering pieces (approx. 45Kg each) are heavy. Minimum two person lift & use correct lifting technique.
- As the height of the fireplace increases, ensure any ladders or platforms used are suitable for the task and have a secure footing.
- Always wear gloves, eye protection and a dust mask when using a grinder.
- When applying Gorilla Grip, we suggest you wear disposable gloves as the adhesive is difficult to remove from your skin.

CONTACT US TODAY, FOR QUALITY PRODUCTS WITH KIWI INNOVATION!

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Enjoy!



AZTEC FIRES™

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ASSEMBLY INSTRUCTIONS



1. Place Woodbox Blocks (large "L" sections) on foundation as pictured. The two blocks with the flat base go on the bottom. Apply Gorilla Grip along all edges and joins.



2. Place the plain concrete mantle/hearth flush with the rear of the Woodbox and the polished & UV sealed mantle/hearth with the display edge facing outwards. Check for level before gluing in place.



3. Build three layers of the Outer Firebox, gluing each layer as you go. The rough edge faces up (opposite way up to the Woodbox).



4. Locate the Inner Firebox Base (large rectangular piece with sloped front edge). Using your grinder, cut a 5mm deep controlled crack line across the middle. Begin placing the firebox components as shown.



5. You might like to glue the LHS & RHS Inner Firebox Side Walls to the Outer Firebox and hold these in position with clamps. Do not use glue anywhere else in the inner firebox. The Inner Firebox Side Walls should protrude about 5mm past the outer firebox)



6. Build the back wall of the Inner Firebox, placing the two larger blocks first with the steel forming bar in the centre. The shorter side of the forming bar is the bottom. To get the blocks to fit nicely, use a grinder to clean out the inner groove and remove rough edges on the outer wall side.

WARNING - do not glue or mortar the back wall of the firebox in any way. It is designed to expand with heat, and fixing it in place can cause a dangerous catastrophic failure.

7. Mix approx. 2Kg of fire mortar to the consistency of butter. Use to fill any gaps between the base plate and side walls. The balance of the mortar is excess - in case any repairs are required.



8. Make sure your Inner Firebox Side Walls are parallel and the back wall fits tightly then fill the cavity between the inner and outer firebox with 120L of Scoria 25/7.



9. Fit the stainless steel visor ensuring you align with the contours of the firebox sides then build the fourth layer of the Inner Firebox. It is important to check for level here.



10. Position and glue the two Chimney Gathering Blocks on top of the visor and Outer Firebox as shown.



11. Place and glue the Chimney Blocks one on top of the other ensuring they remain straight and level as you go.

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Enjoy!