

Translations:Poelito - Poêle de masse semi-démontable/142/en-gb

The idea behind the Poelito is to build a rocket stove inside a drum. The bottom of the drum is lined with an insulating mix of concrete; however the stove still needs to stand on a fire-proof support. The bottom part of the stove is cast in refractory concrete around a mould made of cardboard tubes. This is the area where the fire develops. Tubes are used to make the hollowed-out conduits: these are the routes which the smoke and fire take. The lower part forms the base of the fire pit and is a fixed body of material. The upper half is made up of removable metal pipes and is filled up with sand. This can either be left standing or transported separately. The fire pit can be closed to the outside either by a cast iron plate or by a pane of ceramic glass which can then be covered over by the drum lid as a finishing touch. The exhaust pipe is on the outside of the drum to which connection is made by a T joint with cap for cleaning out. Any pipes that go along the ceiling and to roof vents (or anything which goes outside of the dwelling) must be insulated.