



WARNING: MUST READ



CURING TIME GUIDANCE / 2025

MISSION MINI OVEN

Congratulations on your new Mission MINI collection oven. This guide is designed to help you with the curing process — a crucial first step that ensures durability and performance for years to come.

It is necessary to carry out a “**curing**” steps to remove and evaporate the moisture accumulated and trapped in the wall layers during the manufacturing of the oven. These consist of performing **small fires** progressively for **3 consecutive days**. At the end of day 3 you will be able to grill and cook Pizzas but at lower temperature. After day 4 you will be able to heat up the oven to temperature above 250 (°C) / 480 F.

Please follow these CURING steps for the MINI oven:

- Run a fire for a total of 2 to 3 hours for 3 days without exceeding the temperature indicated in **Chart (1)**. **Control of temperature ramp-up is essential to avoid thermal stress in the oven**. Place Less wood to more wood to manage fire.
- Open the oven **doors and flute** wide open. **Curing process** is shown only in **Celsius (°C)**.
- Use kiln dried kindling wood to fire up the oven. **Do not use lighter fluid, charcoal or any chemical starter** for the oven, only natural dry wood. Use a plumbing torch to start the fire if it is available.
- Start lighting up the oven with small pieces of wood size of length of 5"- 8" x 2"- 3" thick of kiln-dried wood, make a small square size of 8"x8" and **Stack up as a nest with small pieces of dry wood to about 4" - 6" high**. **Note:** To keep the fire going for 2 to 3 hrs. you will need to keep adding wood, so it does not turn off.
- Note: for each day try to stay within the average number on the table below. **(CHART 01)**. Temperature can go up and down as you control the fire. **Do not worry**, if you are not meeting the suggested temperature **do not increase fire too fast to catch up. Just try to get as close as possible gradually**. If you miss that you can extend the curing process for a few extra minutes. The curing process **chart(01)** is just an estimate to get the oven ready for high temperature and minimize cracks in the oven.

CURING OVEN GUIDANCE FOR NEW OR WET MINI OVENS

CHART (01)

3 days, Open doors and vent wide open. Fire oven progressively each day for 2 to 3 hours. Follow this chart. Read Catalog. Do not exceed temperature within time frame using Celsius (°C).

Days (Hr - Average (AVG))	30 Min	60Min	90Min	120Min
Day 1 (2 to 3 HR)-AVG 150 (°C) →	60 (°C)	100 (°C)	150 (°C)	150 (°C)
Day 2 (2 to 3 HR)-AVG 200 (°C) →	90 (°C)	150 (°C)	185 (°C)	200 (°C)
Day 3 (2 to 3 HR)-AVG 250 (°C) OK to Cook	125 (°C)	175 (°C)	225 (°C)	250 (°C)

**** Note: Once the soot starts to disappear from the internal walls it is a sign that the curing process is getting completed, you should see this at the end of day 2 and day 3 ****

General notes:

- Avoid exposing the oven to water such as rain, snow, washing the oven or placing damp materials inside.
- Minor cracks may appear during or after curing - this is completely normal and purely superficial.
- The MINI is a compact, high-performance oven with low moisture retention — making it ideal for faster and more efficient curing. However, this also means that careful control of temperature ramp-up is essential to avoid thermal stress.
- Cracks may appear on the dome (inside or outside) or near the door area during the first uses. These are usually thin and superficial, caused by thermal expansion during heating and cooling cycles, and by the release of moisture. They are not a defect in fact; they are expected to be handmade refractory products. You can continue using your oven normally, as these cracks do not affect performance or safety. Ovens comes with a patch kit included when needed.