



Instructions for use

General information

FIMOair microwave is a ready-to-use, water-based modelling clay, which can be hardened in the microwave. It maintains the shape especially well and shrinks very little (<5%) in the microwave. FIMOair microwave can also be air dried. The finished model is very lightweight and can be worked on further (drilling, gluing, painting, varnishing). Do not harden the modelling clay in the oven.

Instructions and safety information

Risk of suffocation due to swallowing/inhaling! The hardening process must always be carried out by an adult. Please observe the operating instructions of your microwave. FIMOair microwave is a craft product, NOT a toy. Please retain packaging for reference.

FIMOair microwave can be kneaded and shaped. Modelling and precision work is best done using modelling tools or similar household instruments. Place the modelled object directly on the rotating plate for hardening.

Important:

- A microwave-suitable plastic container half filled with water **must** be added to ensure a uniform hardening process and to prevent overheating.
- During the hardening process the modelling clay and water will get very hot and should be allowed to cool before removing from the microwave, in order to avoid scalding.

Caution:

- Do not use any additional materials such as metal, polystyrene, porcelain or stoneware.
- Harden the material within one hour after modelling.
- Place the container on the turntable.
- Make sure that the turntable can rotate without any problems.
- Do not microwave any previously air dried FIMOair microwave.
- The material must not be hardened for more than 20 minutes at a time.
- If necessary, repeat the hardening process for larger objects.
- Allow object to cool before beginning with further work (drilling, gluing, painting, varnishing).

Microwave settings:

Approx. 600 Watt (usually “medium high” or setting 5 -7, depending on the microwave used).

Caution: Do not use “speed cooking”, “sensor cooking” or grill function!

Hardening time:

- For every 100 g (approx.) of modelling material: 10 min.
- Microwave with inverter technology*): Reduce hardening time by 20%, i.e. per approx. 100g modelling clay: 8 min.

*) Inverter technology: Heat with continuous power heating typically used in expensive and built in microwave ovens

The microwave output can vary depending on the model. However, a slight variation from the recommended 600W does not affect the hardening process.

If new material is added to parts already hardened in the microwave, the whole object can be hardened again without any problems. If a single model is hardened more than once, let the microwave cool down for 5 minutes in between hardening processes and replace the hot water in the container with fresh cold water.

If there is a white coating (cooking salt) on the microwave turntable or on the object after the hardening process, this can be easily cleaned off with a wet towel. However, a soft white coating on a terracotta-coloured object creates a particular natural looking clay-like effect.

Storage

Store the material at room temperature in its original packaging. Close opened packages tightly (e.g. in a screw-top container).

Disposal

Material can be disposed of in the “normal” household waste.

Tips & Tricks

- Material is very well suited for cut-out and motif moulds.
- When attaching components, moisten the contact point slightly beforehand.
- Slightly hardened material can be softened up again by kneading it with moistened hands.
- If an air bubble forms, air has been kneaded in. Smooth out the bubble and cover with some fresh, moistened clay; harden for a further 2-3 minutes.
- All commercial acrylic, water-based or school paints can be applied.
- The surface can be beautifully finished with FIMO leaf metal accessories.

