

INSTRUCTIONS FOR USE

G71 is a new, innovative material developed and produced by our company, in collaboration with Porcelain Art Research Lab.

It contains only natural, mineral materials and does not carry a hazard mark.

The use of gloves and a mask when applying the material is not necessary, but we recommend it.

Application on new kiln shelves:

We suggest that the new kiln shelves are first fired once, in order to remove the moisture they have and to burn any organic materials. In this way we achieve better adhesion of the material to the kiln shelf.

Application on old kiln shelves:

In case the shelves have been painted with common non-stick products (alumina, kiln wash, kiln primer etc.) you must scrape them with a spatula to remove this layer.

In case there are residues of glaze you should use a sander or wheel to remove the residues, so that you have a flat surface. Residues that are flush with the surface of the shelf do not need to be completely removed.

Application instructions:

1. Shake the bottle very well to mix the material
2. Clean kiln shelves from dust
3. Wipe the shelves with a damp sponge
4. Use a good quality brush, to get an even smooth surface.
4. Apply the first coat of G71. We suggest the first layer to be made with material diluted by 20% with water.

First layer must penetrate into the pores of the shelf. Apply while pressing the brush, to get better results.

The first application leaves a thin layer of material on the surface of the shelf, and it does not have much coverage, the color of the shelf will still be visible.

Allow the fire plate to dry very well, and apply more layers.

Apply 2 more thick layers with undiluted material.

The second and third layer must be applied thick. Do not just "paint" the shelves. Only brush once, so the layer will remain thick.

It is very important to allow each coat to dry well before applying the next.

These 3 layers protect the slabs from most common accidents.

Depending on the protection level you want, you can apply extra layers. 4-5 layers of material (depending on density and thickness) protect the shelves from any accident.

G71 does not pluck, nor does it crack, you can apply the layers as thick as you want. You can also cover the edges of the shelves, so that any melted material will not stick there either.

You can also apply the material locally, over previous layers, on parts of the shelf where you will place objects that may cause you problems.

Upon completion of the process, clean your tools with clean water. Close the bottle tightly with any leftover material for future use, and store it in a cool place so that it does not evaporate. In the next use, you can add extra water to achieve the desired density.

Applying new layers:

In case of cracking, apply a new layer of material over the cracked one without the need to remove the old layer.

You can apply a new layer of material, over the previous ones, in case the old layers have started to lose their thickness, or in case you want additional protection.

It is not necessary to clean the shelves, scrape off old material before applying a new layer.

In case an object melts or glaze over melts, and part of the coating comes off with the ceramic, apply with a brush material only at the point where it came off.

An application video is available online www.bonis.gr/G71.html



We are here to help

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