

Product Information

08/01/2018

PORCELAINE

Porcelain Paint

Properties:

QUALITY: water-based colours, deep and glossy, with a superb enamelled appearance after baking.

The range includes glittering shimmer colours and with changing reflections, that are especially opaque and covering as well as pastel colours. Excellent lightfastness.

The colours are ready-to-use, just stir with a mixing stick before using, particularly Porcelaine 150 Chalkboard Black, which is a product you can write on with chalk.

These colours can be mixed together.

DRYING FOR COLOURS, MEDIUMS AND MARKERS, FOR DECORATIVE

USE: 72 hours for

light washing without soaking.

BAKING FOR ALL COLOURS, AUXILIARIES AND MARKERS IN THE RANGE, FOR

DISHWASHER-SAFE USE: 35 minutes at 150°C (300°F), in a domestic oven (at a stable temperature), after drying for a minimum of 24 hours.

SURFACES: Porcelain, earthenware, ceramic... “Pyrex”, “Arcopal” or equivalent-type supports should not be used.

THINNER: Porcelaine 150 thinner.

OPACITY: translucent or opaque colours

FINISH: Gloss.

CARE (for decorated surfaces): After baking, resistance to dishwashing, alcohols, solvents and to normal detergents. For a better resistance/durability, use the dishwasher ECO program, and ideally place in top rack.

BRUSHES: Pébéo Cobra deco or Iris brushes.

BRUSH CLEANING: Soap and water.

NUMBER OF COLORS: 37 colours plus 6 pastels, 11 shimmer colours and 1 chalkboard colour.

PACKAGING: 45ml bottle - all colours - Protect from freezing.

Fine tip markers 0.7mm - 9 colours

Regular tip markers 1.2mm – 9 colours.

Outliner: relief colours - 5 colours in a nozzle tube.

Outliners: relief colours - 1 colour in a nozzle tube in a blister pack.

WARNING FOR MARKERS: Air travel can cause an excess of ink on the tip and cap. Carefully open the cap and, if necessary, clean the tip and cap before use.

APPLICATIONS:

Porcelaine 150 can be applied to porcelain, earthenware and most bases that can withstand a temperature of 150°C (300°F). The choice of base and tools allows for producing numerous effects, transparencies and intensities of colours. Porcelaine 150 makes professional enamelling available to all, with a generation of colours glazed by simply baking at 150°C (300°F) in any domestic oven. In bottle, tube or marker, they can be mixed together, deep and glossy, transparent or opaque, with a superb enamelled appearance after baking. Many application methods are possible with Porcelaine 150: with brushes, with sponges, with stencils...

Stir the product with a mixing stick before use. Colours can be applied directly to a grease-free base, cleaned with alcohol or soap and water. After drying 24 hours, place the project in a cold oven. Once a temperature of 150°C (300°F) is reached, bake for 35 minutes. The colours then take on a real enamelled aspect and become dishwasher resistant (following label recommendations). Only surfaces which do not come in contact with food should be decorated.

However, migration tests carried out by an accredited laboratory have shown that accidental contact of decorated areas with food does not represent a danger to health

The Porcelaine 150 **outliners**, in a tube with nozzle, can be used for outlining work and containing colours.

The **markers** are recommended for fine lines, strokes and writing. Shake well before use. Press tip repeatedly to start ink flow. A fine tip marker not used for a prolonged period may be restarted on paper, to start ink flow, which will facilitate reuse.

- Air dry 72 hours for decorative use, with light washing and no soaking.
- Allow to air dry 24 hours after application, then bake in oven for 35 minutes at 150°C (300°F) for dishwasher resistance (following label recommendations).

Store flat. Keep from freezing.

To use Porcelaine 150 colours with its auxiliaries: Refer to the P150 Auxiliaries Product Information documentation.

***Pébéo Tip:**

For users who wish to apply on an object decorated with markers, Porcelaine 150 paint and/or outliners, Pébéo recommends baking the decorated object according to the above instructions.

Recommendations:

This information is submitted for information purposes only. It is always advisable to conduct preliminary tests on the selected surface before beginning the project.

For more information on the safety and handling conditions of these products, refer to the Safety Data Sheet available on our website: <http://en.pebeo.com/Pebeo/Safety-Data-Sheet>.

Frequently Asked Questions:

Can you re-fire a piece that has already been fired?

We generally recommend only firing our Porcelain 150 once. After being fired several times, the colours can turn brown. A second firing has no significant effect many colours, but if light colours such as opaline blue are used, the colour can turn green.

Can the range's metallic colours be put in the microwave?

The colours do not contain metal particles and they can be used on pieces put in a microwave after firing for 35 min at 150 °C.

I mixed P150 and V160 on the same piece; at what temperature should I bake it?

If you have mixed the 2 products P150 and V160 on the same piece, fire it at the highest temperature and the longest time (i.e. 160 °C for 40 min), for optimal properties.

Can P150 be applied to a mirror?

Yes, a glass mirror withstands 35 minutes at 150 °C.

Are P150 markers firing-free?

P150 markers should be baked for excellent dishwasher resistance.

What is the consumption of a 20 ml tube of outliner?

A line of 15 meters.

What is the consumption of a P150 marker?

150 meters line.

Can the decorated objects be put in contact with food?

No, only surfaces not intended for food contact may be decorated.

Porcelaine 150: On which surfaces can you paint with Porcelaine 150?

This product is particularly well suited for painting on china, porcelain, ceramic, but you will get very interesting effects on other materials capable of withstanding a temperature of 300° F (150° C) such as metal, glass ...

How do you prepare the surface to be painted?

Very simply, just degrease the surface with alcohol or soapy water.

Can you paint with Porcelaine 150 on porous surfaces, such as plaster or terra cotta?

Yes, it is possible to paint slightly porous surfaces. After a light sanding, apply the Filler Undercoat sealer. Allow to dry for 24 hours, then apply the colours normally.

How do I correct a mistake?

As long as the object has not been baked, correcting a small error is very simple. Just use water or alcohol: soak a cotton swab for minor repairs or a cloth to remove large areas.

Why did the colours brown when the piece was baked?

The oven temperature was too high: to prevent this, use an oven thermometer to accurately measure the temperature (available in the range of Porcelaine 150 auxiliaries). Or the baking time may have been too long.

How do you make the colours more transparent?

Mix the colour with the Porcelaine 150 Gloss medium, do not exceed 1/3 of medium with 2/3 of colour.

What is the matte medium used for?

Matte medium provides a matte appearance; simply mix with the colour, do not exceed 1/3 of medium with 2/3 of colour.

How do you thin the colours?

Use the Porcelaine 150 thinner. Caution, do not use water, it would undermine the product's properties, including resistance to washing. You may use up to 10% water, without compromising the integrity of the paint.

Why did the colours bubble when cooked?

The paint was not allowed to dry for long enough before baking. Or, the painted surface was perhaps too porous.

Why did the colours change in the dishwasher?

Several possible reasons: the surface wasn't degreased properly; the colours were diluted with water; or the temperature settings and cooking time were not met.

At first use, how is the colour released to the tip of the marker?

Shake the marker thoroughly, then count 30-60 seconds while applying constant pressure to the tip to start the marker.

How much sealant undercoat must be applied to a porous surface?

The undercoating pore-filler layer to be applied depends on the porosity of the surface. Apply a thin or thick layer depending on the surface, but usually just one coat is enough. After you apply it, wait 30 minutes for the undercoat to dry before coloring.