

Coloured Natural Self-hardening Clay



SIO-2 COLOR PLUS® is coloured natural self-hardening clay. No firing is necessary, achieving great hardness and solidity after drying. Once dry, the clay can be painted with any type of paint or varnish. It can also be polished, carved or drilled.

COLOR PLUS is ideal for children's use (4+), being a very suitable material in the development of the creativity skills and plastic expression. It is also ideal for handicrafts.

All the clay colours can be mixed, as well as with PLUS clay colours, so that unlimited shades of colour can be obtained without the need to use paints.

COLOR PLUS clay has a soft and fine texture to the touch. It is odourless and has very good plasticity for modelling (it can be thrown on a potter's wheel). The presence of natural cellulose fibres allows safe drying without cracks or fissures, even in large pieces.

Conforms to European EN-71 and USA (AP non-toxic product) regulations. Does not contain food allergens.



Natural clay



Self-hardening



Bright colours



High hardness



Odorless



How to use it

Working with clay

It is advisable to knead the clay before starting your work. If in the course of the work the clay loses plasticity, it is enough to slightly moisten your hands to recover it. It can also be moulded (we recommend plaster moulds) and thrown in a potter's wheel. Solid or very thin-walled objects can be made with optimal results.

Discover more tips and useful tools on the Blog: ["How to Work with Clay"](#)

ATTENTION: if clay is used to wrap rigid interior supports, it is recommended to first cover the surface with paper or cloth. The water in the clay evaporates during the drying process and causes shrinkage that can lead to cracks. To avoid this negative effect, the solid surface is covered with a flexible and absorbent material to support the drying process of the clay. This will also absorb moisture inside the object and prevent cracks.

Drying

Once the object is finished, let it air dry. Maximum hardness and strength are obtained in 1-4 days at room temperature. On small pieces, drying can be speeded up by using a hand dryer, projecting heat evenly across the piece. In this case, the time to obtain maximum hardness and resistance is reduced to minutes (do not use dryers in the case of medium/large sizes or flat shapes). Hardness can be further increased by finishing drying in a domestic oven between 100 and 110°C.

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ATTENTION: during drying, the **clay shrinks**. The more water the clay contains, the greater its drying shrinkage. Therefore, it is advisable **not to add additional water to the modelling clay**, otherwise cracks may appear.

TIP: **let the piece dry on an absorbent surface** (ideally wood or plaster). In the case of non-absorbent surfaces (such as metal, plastic or glass), it is recommended to place the piece on a sheet of paper to facilitate the contraction of the clay during drying.

Finishing and decoration

Once dry, the object can be polished, carved or drilled. It can be decorated with any type of paint, pencil or marker. As it is not very porous, a single coat of paint is enough to achieve all the vividness of the colour. The use of varnish is recommended when you want to enhance the natural colour of the clay. The use of varnish also guarantees a greater durability of the object and improves the ease of cleaning.

ATTENTION: COLOR PLUS clay **is not waterproof**. It is not advisable to create objects that come into contact with water (vases, pots, cups, etc.) even if they are protected with a waterproofing agent. In this case, we recommend using an inner container made of plastic or glass, so that the piece of SIO-2 PLUS® is only for exterior decoration. In this context, keep in mind the last point of "Working with clay".

Storage

Once the package is opened, wrap the remaining clay in plastic. If the clay has hardened during storage, but is still moist, it can be softened again by kneading it with moist hands.

During work interruptions, cover the object with plastic or a damp cloth.

ATTENTION: keep the product in a cool environment, avoiding high temperatures. **Do not store at temperatures below 0°C**. If the clay freezes, it loses its properties.



FAQ's

What makes COLOR PLUS clay different?

Compared to natural pottery clays, COLOR PLUS clay is available in nice and bright colours and **does not need firing**. Once dry, the item becomes **very solid and hard and can be decorated or varnished**. The clay allows creating objects with difficult drying, free of cracks and fissures while drying. Compared to SIO-2 PLUS® natural clay, COLOR PLUS clay displays brighter colours.

In comparison to other air-drying clays, COLOR PLUS clay **is made of minerals and natural clays**, with plasticity noticeable at touch, but especially is recognizable by the **lack of smell**. In addition, COLOR PLUS clay can be thrown on a potter's wheel.

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How long does COLOR PLUS clay take to dry?

COLOR PLUS clay is essentially made of natural clays. Therefore, its drying speed is equivalent to that of other natural clays, with which the drying time ranges **between 1 to 4 days**. It further depends on the object size, on its shape and on the room drying conditions (temperature and ventilation, basically). In small pieces, drying can be speed up by using a hand dryer. In this case, the time for obtaining a maximum hardness and solidity is reduced to a few minutes (Caution: do not use hand dryers in the case of medium/large sizes or flat shapes).

Do I have to use all the clay once the pack is opened?

If all the clay is not used, it can be kept for another time, keeping the excess in a tightly closed plastic bag. If when using the clay again we notice that it has hardened slightly, it is enough to moisten the fingers before modelling.

Why does COLOR PLUS clay stain my hands during modelling?

Like any natural clay, COLOR PLUS clay stains hands while modelling; however, the effect is more visible because the colours are much more vivid. The colour comes from very fine sized organic pigments that disappear when hands are washed with water.

Brightly coloured synthetic clays, such as modelling clay, do not stain hands because the pigments are chemically included in the product.

Can COLOR PLUS clay be fired?

COLOR PLUS clay is not recommended to be fired. The natural pigments that colour the clay break down during firing.

Can it be a danger if a child ingests COLOR PLUS clay?

Clay is not food. In case of accidental ingestion, it is a non-toxic product, in accordance with the European regulation EN-71 and the USA regulation (seal AP non-toxic product). It does not contain gluten or other food allergens. Remove the packaging before giving the clay to a child.

Does COLOR PLUS clay expire?

All available COLOR PLUS formats remain unchanged in their original packaging conditions for a minimum period of 2 years.

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[+ INFO](#)



   
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