

Instructions for use & technical data Copran Color / Copran Ultra-T Color



Specifications

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Manufacturer:	White Peaks Dental GmbH & Co. KG Lange Heide 9 D-45239 Essen Germany
Product:	Copran Color / Copran Ultra-T Color
Product type:	colouring liquid for presintered zirconia-blanks
Product form:	colouring liquid in different shades
CE-mark:	CE 0483
frame / veneering porcelain:	Copran Color can be used with all types of yttrium stabilised zirconium ceramics in presintered white body stage as: Copran Zr or (Vita*, Ivoclar*, DeTrey Dentsply*, Wieland*, Noritake* Wohlwend*, Ducera*, Ceramco*, etc.) the * marked names are brands or names of the manufacturers
Shelf life:	3 years kept between 4-10 degrees and airtight closed container

Specification:

Copran Color

- is a coloring liquid for all types of yttrium stabilised zirconium ceramics in presintered white body stage
- is a medical device class IIa appendix IX 2.1 rule 8 according to the RL 93/42 EWG - marked CE 0483.
- is water based, does not contain acid!
- therefore does not corrode metal instruments or metal workbench surfaces!
- also does not corrode the heating elements in the sintering furnace !
- does not contain oily substances. Therefore it can benefit from the capillary attraction of the zirconium and infiltrates quick and deep into the structure!
- at the cutting of sinter drops, connecting bars or milling of telescopes you will not experience any lighter areas or blotches!
- if a colour is too intensive for your taste, Copran Color can be easily dissolved with distilled water to lighten the tone!

Instructions for use

Safety Advice

While using this product, personal safety measures are necessary. Wear **protective goggles** and **protective gloves**. Do not eat, drink or smoke while using Copran Color. Make sure to be in a well ventilated area while staining and drying the constructions.

After the final sintering the framework can be ground, if necessary, in a wet grinding technique with diamond coated grinding tools. Sintered diamonds, korund stones or hard metal burs must not be used.

First Aid

after eye contact:	rinse open eye for several minutes under running water. If symptoms persist, consult a physician.
after skin contact:	rinse thoroughly with water and soap.
after swallowing:	do not induce vomiting. Rinse mouth thoroughly with water if person is continues. Do not induce vomiting
after inhalation:	supply fresh air, consult physician
further information's:	if irritations occurs or persist, consult physician. Show this document
emergency hotline:	poison emergency hotline - Berlin: 24 hrs phone +49-30-19240

Preparing the constructions

The milled copran zirconium construction should be dust free and dry.

Staining

Take the required Copran Color liquid from the refrigerator, make sure that it is tightly closed and shake it well for a few seconds to make sure no elements have sediment in the liquid and are dissolved properly again. Please do not touch the construction with wet or oily fingers, otherwise Copran Color can not diffuse into the construction.

Open the bottle carefully and dip your construction with metal tweezers for about 10 seconds into the solution. A longer dipping time will not effect the color intensity.

As Copran Color is water based, you can easily lighten the intensity of the color solution and so adjust the required shade to your fancy by adding distilled water.

After dipping rinse the construction under soft running water or rinse it in distilled water to free it from color leftovers. Place the construction into fluff-free bleached pulp (tissue) and dry delicately with air pressure. To ensure an even coloring, leftover coloring liquid in the crowns or in gaps between crowns and / or pontics should be avoided. Close the container of Copran Color tightly and place it back in the refrigerator. If a construction appears to big to stain it in the original container, pour the Copran Color in a clean glass jar and stain your construction in there. After that fill the Copran Color back into the original container. Clean your glass jar with a tissue and rinse it thoroughly with water and detergent. Never use containers which get into contact with food. Please make sure to separate the container.

Drying / sintering

Place your construction on the firing tray and dry it for 30 minutes under an infrared lamp.
Sinter your construction as usual.

Porcelain bonding

All known brands of zirconium frames can be used as long as their thermal expansion coefficient is between 10 and 10.6⁻⁶/K. We generally advise you to:

Clean the framework after final shaping with hot steam.

Cover the zirconium frame completely with a layer of ceramic.

Follow the instruction for the material of your choice.

Annotation of packing identifications



Symbol for „batch number“



Symbol for „applicable until“

CE 0483

Confirmation: complies to the current European rules



Symbol for „lower and upper temperature limit“



Symbol for „observe instructions“