

Instructions for use & technical data
Copran Color group
(CopraGlaze)



Technical data

Manufacturer: Whitepeaks Dental Solutions GmbH & Co. KG
 Langeheide 9 - 45239 Essen - Germany

Product / Product type: colour pigment/ glazing-powder, glazing spray and liquid for zirconium dioxide ceramic - medical device class IIa

Product form: powder in different colours
 liquid for mixing with powder
 glazing powder
 glazing spray

Circle of users: Instructed users who produce and colour/glaze individual dental restorations

Indication/ intended use

CopraGlaze is exclusively suitable for colouring/ glazing zirconium dioxide ceramics in dental technology.

product	indication
CopraGlaze (Shade/ Marker)	colour pigment powder for painting zirconium dioxide ceramics
CopraGlaze Fluid	liquid for mixing with colour pigment-/ glazing powder
CopraGlaze Powder	glaze powder for glazing zirconium dioxide ceramics
CopraGlaze Spray	glaze spray for glazing zirconium dioxide ceramics

Material properties/ technical data

CopraGlaze Shade, CopraGlaze Marker and CopraGlaze Fluid as well as CopraGlaze Spray are colour pigment-/ glazing powders and liquid for the individualisation and characterisation of finally sintered restorations made from zirconium dioxide ceramic as well as the subsequent glaze firing in the ceramic furnace.

Colour range

Corpra Glaze Marker (marking opaque)

Marker oak brown
 Marker walnut brown
 Marker marone brown
 Marker ebony black
 Marker sunflower yellow
 Marker viola violett
 Marker laguna blue
 Marker nightsky blue
 Marker gunmetal grey
 Marker ash grey
 Marker goodwood green
 Marker morning blue
 Marker blood red
 Marker pretty pink
 Marker spruce green

Marker satin green
 Marker magic orange
 Marker caribbean turquoise
 Marker seaweed green
 Marker vulcano red

Corpra Glaze Shade (glazing translucent)

Shade sunrise
 Shade sunset
 Shade cotto
 Shade cocos
 Shade safari
 Shade ocean
 Shade lavender
 Shade stone
 Shade snow
 Shade rose
 Shade charcoal
 Shade modify A
 Shade modify B
 Shade modify C
 Shade modify D

CopraGlaze Powder

colorless, glazing

CopraGlaze Spray

colorless, glazing

Instructions for use & technical data

Copran Color group (CopraGlaze)



Specification

CopraGlaze is exclusively suitable for colouring/ glazing zirconium dioxide ceramics in dental technology. This colour adjustment/ glazing has the advantage, that the restoration can be customised individually for the patient. When used in accordance with directions CopraGlaze is completely biocompatible and non-toxic.

Instructions for use

The restoration should be already sintered and free of dust. The restoration should be processed dry.

Process steps CopraGlaze Shade/ CopraGlaze Marker/ CopraGlaze Powder/ CopraGlaze Fluid (colouring and glaze powder)

1. mix colouring pigment powder and liquid to a pasty mixture by using a brush – apply as needed
2. 1. glaze firing (see firing chart)
3. mix glazing powder and liquid to a pasty mixture by using a brush – apply lightly but covering
4. 2. glaze firing
5. repeat step 3 and 4 if needed

Process steps CopraGlaze Spray (glazing spray)

1. if needed, perform steps 1 and 2 as above for colouring of the restoration
2. spray glaze spray on the restoration with a distance of 5-10 cm
3. glaze firing (see firing chart)
4. repeat step 2 and 3 if needed

Firing chart

drying min	pre-heating °C	pre-heating min	heating °C/min	temp 1 °C	hold temp 1 min	final temp °C	firing min	vacuum
1	450	1	40	820	3	850-920	3	no

Safety instructions

CopraGlaze Shade/ CopraGlaze Marker/ CopraGlaze Powder/ CopraGlaze Fluid

When using the product, personal protective equipment consisting of goggles and protective gloves must be worn. Please do not eat, drink or smoke while processing powder and liquid.

CopraGlaze Spray

When using the product, personal protective equipment consisting of goggles and protective gloves must be worn. Please do not eat, drink or smoke while processing glaze spray. Ensure good ventilation of the workplace. Keep away from heat, hot surfaces, sparks, open flames and other sources of ignition. Do not smoke. Do not spray against open flame or other source of ignition. Do not pierce or burn, even after use. Always wash hands after usage.

Storage

CopraGlaze Shade/ CopraGlaze Marker/ CopraGlaze Powder/ CopraGlaze Fluid

Dry storage - protect from moisture/ humidity.

CopraGlaze Spray







Protect from sunlight. Do not expose to temperatures above 50°C/ 122°F. Store in a well-ventilated place. Keep cool. Storage class LGK 2B - Aerosol packs.

Disposal









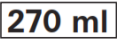

See safety data sheet.

Explanation of the markings on the packaging

CopraGlaze Shade/ CopraGlaze Marker/ CopraGlaze Powder/ CopraGlaze Fluid

	Symbol for „item number“
	Symbol for „LOT number“
	Confirmation: The product complies with the applicable European directives.
	Symbol for „number of products in package“
	Symbol for „follow the instructions for use“
Rx only	Symbol for “Caution: US Federal law restricts this device to sale by or on the order of a licensed physician or dentist.”
	Symbol for „is a medical device“

CopraGlaze Spray

	symbol for „item number“
	symbol for „LOT number“
	symbol für „usable until“
	symbol für „upper temperature limit“
	Confirmation: The product complies with the applicable European directives.
	Confirmation: the product complies with the applicable aerosol directive
	Symbol for „follow the instructions for use“
	Symbol for „danger“
e 200 ml 	Symbols for "estimated content" and "maximum content“
	Symbol for „is a medical device“
Rx only	Symbol for “Caution: US Federal law restricts this device to sale by or on the order of a licensed physician or dentist.”