

INTENDED PURPOSES
of Ceramir® Crown & Bridge QuikMix
Ceramir® Crown & Bridge QuikMix devices are restorative, bioceramic-luting cements intended for permanent prosthesis of teeth to implant abutments in children and adults.

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The main component in the powder is calcium aluminate and, in the liquid, water. Ceramir® Crown & Bridge devices are intended for use by dental care professionals for dentistry.

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ÜCEL POUŽITÍ CEMENTU
Ceramir® Crown & Bridge QuikMix

Průstřívání Ceramir® Crown & Bridge QuikMix je řidkou konzistenci biokeramické cementu, který je vhodný pro využití v odontologické praxi než hřebenkový zubním nebo abutmentům implantátu v děti i dospělých.

Hlavní složkou je prášek s vysokou kápanou a kapalina – voda.

Ceramir® Crown & Bridge je určen k použití zubařem specialisty k cementaci:

- krovíku a kovkeramické korunky a myšky
- zábradly a onlaye
- inlaye nebo výplňky
- zábradly a onlaye kovové koralky
- Cast nebo prefabricated metalo
- High-strength ceramic crowns and bridges suitable for conventional cementation (e.g. zirkoniu, aluminiu a lithiwm dioksitu)

Device used for the device can not be used as a direct pulp-capping agent.

Device used to avoid eye and skin contact: the devices contain polyacrylic acid.

INTENDED USES
Preparatory tasks shall be performed by professionally trained dental clinician, performed by a dental professional.

INTENDED PATIENT POPULATION
Patients with:

Diseased or permanent teeth

Temporary or permanent tooth

Neonatal teeth or implant abutment (e.g. dental post)

DEVICE DESCRIPTION OF USE
The device of Ceramir® Crown & Bridge QuikMix is supplied in a glass jar (cement powder)

and a plastic jar (cement liquid) for mixing and application.

The cement hardens as a result of a chemical reaction and is self-setting after application.

The minimum net mass of powder is 15 g and the minimum net volume of liquid is 10 g (ml).

WARNINGS, PRECAUTIONS AND CONTRAINDICATIONS

- Use personal protective equipment: gloves, eye protection, face protection to avoid contact with the skin, mucous membranes and eyes.

- Do not use any pre-treatment agent, e.g. silanes, primers or bonding agents when using the device as a pulp-capping agent.

- Do not use patients with known allergies to the product.

- Do not use patients with known allergies to the product if such reaction is observed, terminate the use of the product and consult a physician.

- Do not use as a pulp-capping agent. In case of close proximity to the pulp, use accepted standard procedures.

- In case of skin contact, rinse with plenty of water and in case of contact with eyes, rinse immediately with plenty of water and seek medical care.

- To the standard power to liquid ratio is 1:8.10 (10 ml).

- Mix to a homogeneous consistency maximum 30 seconds.

- Do not use the device on a glass slab.

- Working time (from start of mixing) at 23°C/73°F: 2 minutes

- Remove excess material when the cement has reached the rubber-like consistency.

- Please observe that room temperatures above 23°C/73°F will accelerate setting and reduce working time. Working time can be lengthened by using refrigerated components or by mixing on a cold glass slab.

- Do not use a metallic spatula as the metal could contaminate the cement.

- Do not use oil or non-absorbing material with no impact to the powder/liquid ratio of the cement.

- How to use

1 Tool and accessories

- Prepare the temporary restoration and cement.

- Remove excess material when the cement has reached the rubber-like consistency.

- Keep the restoration for an additional 4 minutes.

- Remove the excess material from the margins of the restoration (especially the gingival sulcus) and remove any remaining cement.

- Advise the patient to not load their restoration for the first hour after cementation.

RECOMMENDED STORAGE CONDITIONS

- Store Ceramir® Crown & Bridge QuikMix at temperatures between 4°C/39°F and 20°C/68°F.

- Store with their caps securely tightened and kept away from high humidity.

SHLFELFE

3 years from manufacturing date. Expiry date on bottle, jar and outer packaging.

DISPOSAL

Observe local regulations. Shall be disposed of in accordance with national requirements.

User observes

DEVICE ACCESSORIES:

A scope for powder dosing is included with powder 65 mm (40032 and 40033).

A non-absorbing material pad (silane) (40032).

A mixing pad (silane) (40032).

Please observe that the device is not covered by the CE-mark.

SERIOUS INCIDENT

In case of a serious incident in relation with this device, immediately report to Directa AB and the competent authorities in the country where the incident occurred.

Summary of safety and clinical performance

Reported on request from Directa AB (or when fully functional) in EUDAMED https://ec.europa.eu/eudamed

Symbols

Rx only

For professional use only

Plastic scoop

Radiopaque

Do not use any pre-treatment agents, e.g. silanes, primers or bonding agents when using the device.

Pre-treatment agents

Do not use any pre-treatment agents, e.g. silanes, primers or bonding agents when cementing with Ceramir® Crown & Bridge QuikMix. Use of any such products will destroy the bond between cement and restoration.

An abrasion can be used by the restoration manufacturer.

4 Powder-liquid dispensing and mixing

The standard power to liquid ratio is 1:8.10 (10 ml) (level powder of 2 drops of liquid). Mixing pad type: non-absorbing mixing pad or glass slab.

Keep the powder dry until the cement is mixed with the liquid.

Remove excess material when the cement has reached the rubber-like consistency.

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