

### QualiSense ZN CARBOXYLATE C

ZN CARBOXYLATE C is a zinc polycarboxylate cement based on zinc oxide and polyacrylic acid for cementing of crowns and inlays as well as for cavity linings.

#### Recommendation for use

##### Application

A clean, dry glass plate at approx. 20°C (68°F) and a non-discoloring spatula are recommended for mixing.

The powder/liquid ratio for a suitable cementing consistency is 2.5/1.0 (w/w), for a suitable lining consistency 2.9/1.0 (w/w).

In order to achieve a homogeneous consistency of the cement divide the measured quantity of powder into several portions. Mix the powder in portions quickly into the measured liquid - within 1 minute. The mixture should appear thicker as usual for zinc phosphate cement, yet it is just as easy to work.

##### Do not add additional liquid during the mixing.

The cementing consistency has been reached when the peak formed on lifting the spatula slowly falls back into the paste. The lining consistency has been reached when on lifting the spatula, the peak drawn out forms a small hook and does not sink back into the paste.

Discard remaining powder or impure liquid. Dentine areas near the pulp must be protected.

The working time (at 23°C, 72°F) is approx. 1:30 minutes (luting consistency) resp. 1:20 minutes (lining consistency).

The setting time from end of mixing is about 4 minutes (at 37°C).

##### Additional notes

- The mixed cement should never be applied directly onto dentine near to pulp or onto exposed pulp.
  - Apply the thinnest possible layer for cementing.
  - The cement must be applied to the dry tooth surface and must set without contact to moisture.
  - Remove excess material (e.g. of neighbouring teeth, facets) immediately
  - Immediately after use, tightly close both liquid and powder bottles to prevent exposure to moisture.
  - Clean instruments and glass plate with water before the cement sets.
- Zinc polycarboxylate cement can be dissolved using a cement-solving after setting.

##### Storage

Store dry at room temperature.

Do not expose liquid to sunlight and frost.

Do not use after expiry date.

##### Warranty

DS Dental Supply GmbH warrants this product will be free from defects in material and manufacture. DS Dental Supply GmbH makes no other warranties including any implied warranty of merchantability or fitness for a particular purpose. User is responsible for determining the suitability of the product for user's application. If this product is defective within the warranty period, your exclusive remedy and DS Dental Supply GmbH's sole obligation shall be repair or replacement of the DS Dental Supply GmbH product.

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**Keep away from children!**

**For dental use only!**