

Harvard Polycarboxylat Cement
Zinc polycarboxylate cement

Instruction for Use for the Dentist
Composition:

1 g powder contains 890 mg zinc oxide, 89 mg magnesium oxide

1 g liquid contains 400 mg polyacrylic acid

Areas of Application:

Fixation of crowns and inlays, cavity linings

Dispensing Instructions:

Fixation consistency:

2,9 g powder : 1,0 g liquid

Cavity lining consistency:

3,6 g powder : 1,0 g liquid

Dispensing and testing climate for testing in accordance with DIN EN ISO 9917:

Mix quantities indicated at $23 \pm 1^\circ\text{C}$ and a relative humidity of $50 \pm 10\%$.

Processing Recommendations:

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

Mixing:

Divide the measured quantity of powder into 3 portions (1/2 1/4 1/4). Beginning with the largest quantity, stroke the powder into the measured liquid within 60 seconds. The mixture should appear thicker as usual for zinc phosphate cement, yet it is just as easy to work. The fixation consistency has been reached when the peak formed on lifting the spatula slowly falls back into the paste. The filling 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 liquids.

Mixing Time: 60 seconds

Processing Time from start of mixing (at 23°C , 72°F):

For fixation: 2 minutes

For cavity linings: 1 minute 30 seconds

Setting Time from end of mixing:

2 30 – 6 00 minutes

Special Informations:

- The mixed cement should never be applied directly onto dentine near to pulp or onto exposed pulp
- Apply the thinnest possible layer for fixations
- The cement must be applied to the dry tooth surface and must set without contact to moisture
- Remove excess material from neighbouring teeth, facets etc. immediately
- Do not expose liquid to sunlight and frost
- Close containers immediately after removing material
- Clean instruments and glass plate with water before the cement sets

Zinc polycarboxylate cement can be dissolved using a cement-solvent after setting

Shades: 3 (yellowish white), 4 (light yellow)

Package Sizes:

Powder: 100 g and 35 g

Liquid: 40 ml and 15 ml

Harvard Polycarboxylat Cement

- Storage temperature $2 - 28^\circ\text{C}$ ($36 - 82^\circ\text{F}$)
- Do not use after the expiration date
- Compliant with DIN EN ISO 9917

Harvard Dental International GmbH Margaretenstr. 2 – 4 15366 Hoppegarten Germany	 0482 Made in Germany	Tel: +49 (0) 30/99 28 978-0 Fax: +49 (0) 30/99 28 978-19 info@harvard-dental-international.de www.harvard-dental-international.de	V05 10/2010
---	--	--	-------------

