

Glass Ionomer Cement



*High strength glass ionomer restorative cement
resistant to the environment of the mouth*

For veterinary use only

CONTENTS

Powder (bottle) 20 g

Liquid (bottle) 15 ml

INDICATIONS

- cementation of permanent restorations (crowns, bridges, inlays)
- cementation of orthodontic bands
- use as a cavity lining of fillings (class I, II and V restorations)
- fissure sealing
- filling of small noncarious defects of hard dental tissues
- temporary fillings

INSTRUCTIONS FOR USE

1. Thoroughly prepare, rinse and dry the tooth surface. Do not over dry. In the case of deep caries, the pulp should be protected by lining with a calcium hydroxide based material.
2. Cover gingiva and adjacent teeth with petroleum jelly to prevent adhesion of the cement.
3. Prior to mixing the cement, slightly moisten the operating area, using a damp cotton pellet.
4. Shake the powder bottle gently from side to side; do not turn it upside down.
5. Mix powder and liquid at room temperature (between 18°C/64°F and 23°C/73°F) on a plastic pad or a glass slab, using a plastic or a metal spatula, in accordance with the mixing table provided.

Powder / liquid ratio	2.6 g / 1.0 g (approx. 1 drop)
Mixing time	30 - 45 s.
Working time	1.5 - 2.0 min.
Setting time	4 - 5 min.

NOTE:

- higher temperatures shorten working time whereas lower temperatures (obtained, for instance, by using a cool glass slab) extend working time;
- increasing the amount of powder shortens working time; using an insufficient amount of powder may diminish the properties of the material.

6. Place the cement in the prepared cavity, applying it in a uniform layer. The mixed cement is suitable for application only when its surface is still shiny; discard if the mixture surface becomes dull.
7. Keep the applied cement free from moisture for 4-5 minutes.

COMPOSITION AND DESCRIPTION

Glass ionomer powder is the micronized fluorinated modified X-ray contrasting glass. Liquid contains polyacrylic acid with molecular weight of 30 000 to 50 000, modifiers and additives regulating the rate and the mechanism of setting.

PRECAUTIONS

Product contains polyacrylic acid. Avoid contact of unset cement with skin, eyes and soft tissues of the mouth. In case of such contact, rinse with plenty of water. In case of any symptoms, consult a doctor giving information about the product. In case of aspiration into the respiratory tract, seek immediate medical attention.

In case of allergy to any of the ingredients, stop using the product. In case of late onset of allergic reaction, remove the restoration.

LIMITATIONS IN USAGE, INTERACTIONS

Do not use if it is impossible to isolate the area from moisture. Contamination disrupts the setting process.

ADDITIONAL INFORMATION

In the case of any contamination of unset cement, remove the entire layer.

Instruments and surfaces should be cleaned immediately after use, before cement sets.

STORAGE

Store at a temperature between 5°C/41°F and 25°C/77°F. Bring back to room temperature before use.

Do not freeze.

Cover immediately after use.

Keep the containers tightly covered.

CONTRAINDICATIONS AND WARNINGS

Do not use in patients with a known allergy to any of the ingredients.

Avoid contact of unset cement with skin, eyes and soft tissues of the mouth.

Protect from heat and light.

Do not use after the expiry date.

Shelf life: 3 years from the date of manufacture.

WARRANTY

iM3 will replace products that have been proved to be defective or will refund the price of purchase. iM3 is not liable for any loss or damage caused by misuse or improper use of the product.

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Manufactured for

iM3[®]

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