

MTA

*fast-setting root canal
repair material*

im3[®]
THE VETERINARY DENTAL COMPANY
*For veterinary
use only*

INSTRUCTIONS FOR USE

Veterinary Dental Material for retrograde filling and defects correction of the root canal

PURPOSE:

Water soluble material, intended for the filling and re-mineralization of the root canals. The material, calcium aluminosilicate cement, upon an interaction with **im3 MTA** liquid (sterile water) forms a flexible paste with a high content of a calcium ions. It stimulates the osteogenesis and the apex growth, prevents the resorption of a bone tissue, has proven bactericidal effect and excellent biocompatibility combined with a high mechanical strength.

INDICATIONS:

im3 MTA is especially recommended in cases of:

- Root canal wall perforation.
- Intracanal resorption.
- Filling of the posterior root apex.
- Direct coating of the pulp.
- Pulp amputation.
- Treatment of teeth with interrupted root development.

DIRECTIONS FOR USE:

Mixing: the recommended powder : liquid mixing ratio is 3:1 at 18-24°C and 40-60% R.H. The use of a clean dry, polished glass slab or paper pad and a stainless steel spatula is recommended.

Mixing time: 1 min.

 Manufactured for

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One dose of the powder (0.5g) and 3 drops of the liquid (0.15g) provide an optimum powder : liquid ratio to obtain a maximum strength of the cement.

Working time (at 22-24°C and 40-60% r.humidity): 3 minute 30 seconds.

Setting time: 12 minutes at the tooth cavity

Total hardening time: 24 hours.

CONTRAINDICATIONS:

Do not use for patients hypersensitive to any of the ingredients: Calcium, silicon, aluminum, copper-calcium hydroxide (bacteriostatic additive).

WARNINGS:

The product may irritate the oral mucosa, the skin and eyes. In case of contact, rinse with plenty of water. If swallowed, do not induce vomiting. Drink big amount of water and consult the doctor. Using of rubber dams, disposable gloves and safety goggles when working with the product.

STORAGE:

Store in a dry place (humidity < 50%) in tightly closed containers (+5°C...+30°C), away from sources of heat. Avoid contact with moisture and direct sunlight! Keep the product tightly capped. Keep out of reach of children.

PACKAGING:

| | |
|-----------------------------|---------|
| Powder (Single-use pouches) | x10 pcs |
| 0.5g Liquid (dropper) | 3ml |
| Instruction | |

Ref: MTA10

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Failure to comply with the conditions of storage leads to a change of the working characteristics of the material and decrease the shelf life of the material.

The manufacturer is not responsible for any loss of quality caused by the failure to comply with terms of transportation, storage and use established by the manufacturer for this product. Responsibility for the use of the material for purposes other than those specified by the manufacturer falls on the user.