



## MTA-Based Root Canal Sealer

# DSI ReMTA Plus



## INSTRUCTIONS FOR USE

### **PURPOSE:**

**DSI ReMTA Plus** is a root canal sealing resin with addition of MTA (Mineral Trioxide Aggregate) and may be used for filling tooth root canals by treatment of pulpitis and apical periodontitis. Combined with gutta-percha pins (one-pin method and all types of condensation techniques).

**INDICATIONS:** For the final obturation of permanent teeth root canals, in combination with gutta-percha or silver points.

### **INTRODUCTION:**

- Biocompatible for tissue recovery without reactions.
- Long-term sealing capacity.
- High radiopacity.
- Promotes the deposition of hard tissue at the root apex and perforation sites.
- Low expansion during setting.
- Low solubility in contact with tissue fluids.
- Excellent viscosity for insertion.
- Does not stain the tooth.
- Eugenol-free material; does not interfere with the setting of resin cements.

### **DIRECTIONS FOR USE:**

1. **Root canal preparation:** Before insertion of **ReMTA Plus**, the root canal should be prepared and cleaned according to the selected endodontic technique. The device requires an isolated dry field; therefore, moisture found in the canal or in the ambient humidity is sufficient to initiate **ReMTA Plus** hardening.
2. **Mixing:** The double syringe ensures equal mixing in a 1:1 ratio. Press the plunger to extrude material directly onto a glass slab, mixing pad, or into the tooth canal. Use the cement immediately after mixing and dispensing by the syringe.  
Warning: The self-mixing tip must be discarded after use.
3. **Insertion:** Use **ReMTA Plus** with gutta-percha coating them with a thin layer of cement and filling the root canal according to the selected technique. **ReMTA Plus** can be

applied in the root canal with a Lentulo spiral or, directly, with an applicator tip adapted to the self-mixing tip.

4. **Removal of the root canal filling:** Use the conventional techniques for the removal of gutta-percha fillings.
5. **Working time:** 30 minutes.
6. **Setting time:** Minimum of 120 minutes (two hours) (37°C and 100% humidity).

#### Warnings:

- Avoid eye contact to prevent irritation. In case of contact with eyes, rinse immediately with plenty of water and seek medical attention.
- Avoid skin contact to prevent possible allergic response. In case of contact, immediately remove the material with cotton and wash thoroughly with water and soap. In case of skin sensitization or rash, discontinue the use and seek medical attention.
- Do not swallow or take it internally. If accidental swallowing occurs, drink a lot of water. If nausea or illness develops, seek medical attention.

**CONTRAINDICATIONS:** The material contains calcium oxides, silicon, aluminum, disiliclate resin, radiopaque substance, fillers and plasticizer. In cases of allergic reactions at especially sensitive patients it is necessary to remove the material and refuse the further application.

**STORAGE:** Store in a dry place in tightly closed containers (+5°C...+25°C), away from sources of heat. Avoid contact with moisture and direct sunlight! Do not store it in the refrigerator. Keep the product tightly capped. Keep out of reach of children.

**PACKAGING:** Double Syringe 4g, Mixing Tips 5pcs, Mixing Pad.

**REF: DSMTA-AM**

#### SYMBOLS



Consult instructions for use



Caution, consult accompanying documents



Temperature limit



Keep away from sunlight



Keep dry



Do not use if package is damaged



The product is not sterile



Medical Device



Use by Prescription only



Manufacturer



Catalogue number



Batch code



Use by Date



Date of Manufacture

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.

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