

ENDO X



Root Canal Obturation Cement

TECHNICAL & SAFETY INSTRUCTIONS FOR USE

Product Description: ENDO X is a powder-liquid root canal obturation cement intended for permanent sealing of the root canal system in conjunction with gutta-percha points during endodontic treatment. After mixing, the material forms a dimensionally stable sealer that adapts to the canal walls and helps seal anatomical irregularities and accessory canals. The cement provides a radiopaque seal, enabling radiographic evaluation after obturation. It is formulated to exhibit low solubility after setting and is designed to resist dissolution by tissue fluids under normal clinical conditions. The material is intended to assist in reducing apical and coronal microleakage by filling the space between the root canal wall and the gutta-percha cone. ENDO X demonstrates antimicrobial activity during the setting phase, primarily due to the presence of eugenol, which may help reduce residual microorganisms within the prepared root canal. The material is biocompatible when used as directed and can be removed during retreatment using conventional endodontic techniques when clinically indicated. For optimal clinical performance, the root canal should be properly cleaned, shaped, disinfected, and dried before obturation.

Composition: Powder: Proprietary blend of sealing agents, radiopaque agents, steroid (dexamethasone) and compatible excipients. **Liquid:** Proprietary blend of liquid components and compatible excipients.

Indications for Use: 1. Permanent obturation of prepared root canals in conjunction with gutta-percha points. 2. Sealing the interface between the root canal wall and gutta-percha. 3. Filling accessory and lateral canal irregularities where accessible. 4. Primary endodontic treatment and non-surgical retreatment.

Features and Benefits: 1. Provides an effective apical and coronal seal when used with gutta-percha. 2. Radiopaque for clear postoperative radiographic assessment. 3. Dimensionally stable after setting. 4. Low solubility following complete setting. 5. Good flow characteristics to facilitate adaptation within the root canal. 6. Demonstrates antimicrobial activity during the setting reaction. 7. Biocompatible when used according to the instructions. 8. Can be removed during retreatment using standard endodontic procedures.

Precautions: Use only in a clean, dry, and properly prepared root canal. Use the minimum quantity necessary to achieve an adequate seal. Reseal containers immediately after use to minimize contamination and moisture exposure.

Shelf Life: 3 years from the date of manufacture

Pack Size: 1 × 15 gm Powder, 1 × 10 ml Liquid—Ref. No.: RD16-03

Disposal: Dispose of unused material, empty containers, and contaminated accessories in accordance with local biomedical waste disposal regulations.

NOTE: TO BE USED BY DENTAL PROFESSIONALS ONLY

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☐ Symbol for "BATCH CODE" ☑ Symbol for "USE BY" ⚠ Symbol for "NON STERILE" ☔ Symbol for "KEEP DRY" ☀ Symbol for "KEEP AWAY FROM SUNLIGHT" 👶 Symbol for "KEEP OUT OF THE REACH OF CHILDREN" 🏢 Symbol for "MANUFACTURER NAME & ADDRESS" 📖 Symbol for "CONSULT INSTRUCTION FOR USE" 📄 Symbol for "CATALOGUE NUMBER" 🚫 Symbol for "DO NOT USE IF PACKAGE IS DAMAGE" 🌡 Symbol for "TEMPERATURE LIMITATION"

The material has been developed solely for professional dental use. Application should be carried out strictly according to the instruction for use. Liability cannot be accepted for damages resulting from failure to observe the instructions of the stipulated area of applications. The user is responsible for testing the material for its suitability and use for any purpose not explicitly stated in this instruction sheet. Description and data constitute no warranty of attributes and are not binding.