TOPSEAL
REF A 0900

MAILLEFER
TOPSEAL
SWISS PRECISION INSTRUMENTS
ROOT CANAL SEALER
REF A 0900

Quality has a name
Maillefer Instruments SA
CH -1 338 Ballaigues
Switzerland
INSTRUCTIONS FOR USE

TOPSEAL

Properties and Descriptions

• TOPSEAL is for permanent obturation of tooth root canals of teeth of the secondary dentition in combination with one or more Gutta-Percha points.
• TOPSEAL is a root canal sealer based on an epoxy amine polymer and is used for permanent sealing, conforming to the highest of safety standards. Excellent biocompatibility.
• TOPSEAL is chemically inert after curing. It is therefore a convincing solution to problems such as postoperative sensitivity and chronic periapical inflammation.
• TOPSEAL has an excellent radio opacity. It is easy to remove thanks to its thermoplastic properties and can be removed chemically or by drill.
• The paste/paste system allows for clean, safe and rapid dispensing.
• Easy introduction into the root-canal thanks to its optimal viscosity.

The two properties:
- Minimal shrinkage upon setting
- Low solubility

ensure that TOPSEAL provides an excellent seal, the main clinical objective of any root canal filling.

1 Root canal preparation

• Root canal treatment
• Irrigation
• Drying

2 Preparation of TOPSEAL cement

• Mix using a metal spatula

3 Application of TOPSEAL cement

TOPSEAL can be used for all established root canal sealing techniques, for the single-point method and all condensation techniques.

• Single-point technique
  - Mixed TOPSEAL cement is introduced with a RA Lentulo® REF A 0022
  - Apply the mixed TOPSEAL cement onto the tip of a Lentulo® and introduce it without rotation to the working length of the canal.
  - With slow rotation (0.4'000 - 5'000 min⁻¹) withdraw the Lentulo® slowly, keeping contact against one wall. Apply TOPSEAL onto the desinfected tip of the Gutta-Percha-points and dip it into the root canal (with pumping motion) to the working length.

• Condensation techniques
  - Mixed TOPSEAL cement is introduced with a Handy Lentulo® REF A 022H
  - Apply TOPSEAL onto the tip of a Handy Lentulo®. It is introduced to the working length, then turned in a clockwise direction.
  - Apply a light film of TOPSEAL onto the tip of the master cone and dip it into the working length (with slow pumping motions). Each of the auxiliary cones will also be coated with a light film of mixed TOPSEAL.