ENDODONTIC SEALER SOLUTION

DirectEndodontics®

Designed For You!

DIRECT® ENDODONTICS

DirectEndodontics® provides the best solutions to dentists with efficient and reliable results.

EASY & FAST

ENDODONTIC SEALER SOLUTION

- DIRECT BIOCERAMIC SEALER
- DIRECT RESIN SEALER

DIRECT® ENDODONTICS

DIRECT BIOCERAMIC SEALER

Calcium Silicate Based BioCeramic Root Canal Sealer

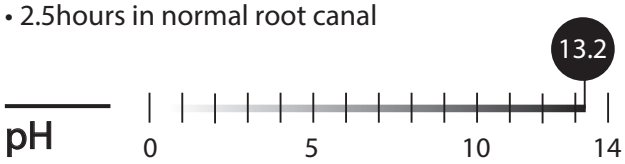
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Advantage

- HIGH RADIOPACITY *(1)
- HIGH WETTABILITY *(1)
- HIGH SEALING ABILITY *(1)
- HIGH BIOCOMPATIBILITY *(1)
- HIGH DIMENSIONAL STABILITY

Setting Time

- 30min in 100% humidity condition (ISO6876:2012)
- 2.5hours in normal root canal



Result




Biocompatibility


Before Treatment


After Treatment


After 3 Months


Before Treatment


After Treatment


After 3 Months



Before Treatment



After Treatment

Cell Attachment Evaluation*




BioCeramic Root Canal Sealer

Contents:

- 110003 Direct BioCeramic Sealer 2g X 1ea

***(1) MDCLUS Institute of Corporate Affiliated Research. Physical properties test of other root tube fillings. 2021.**

DIRECT RESIN SEALER

Resin Based Root Canal Sealer

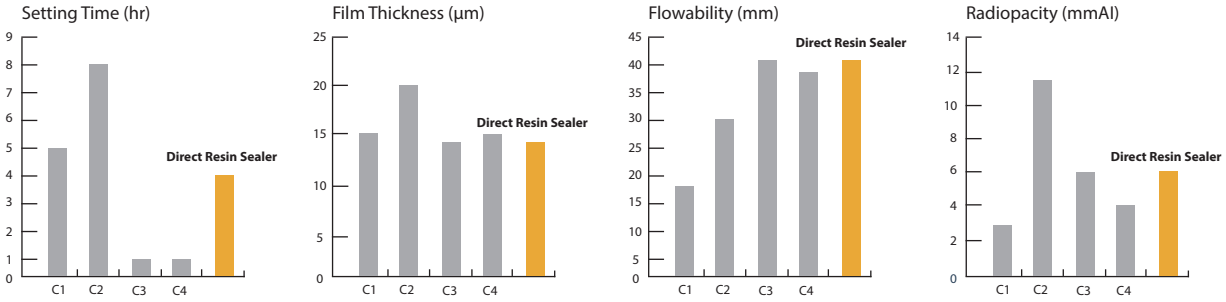
Advantage

- Excellent sealing in optimum flowability *(2)
- Excellent biocompatibility *(2)
- Excellent radiopacity *(2)
- Mixing in a 1:1 ratio with dual syringe type
- Low tissue solubility
- Non-Staining to the resin.

Setting time: Working Time: 1hr / 23°C

Setting time: 3.5hr / 37°C

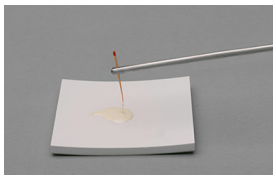
Physical Feature*



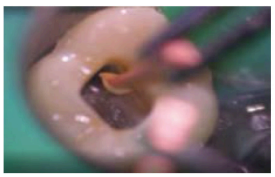
Application



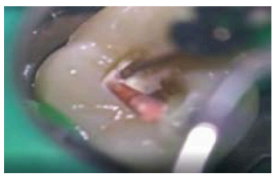
1. Extrude Direct Resin Based Sealer (Connected with Auto Mixing tip and ECO-Tip) on the mixing pad at 1:1 ratio



2. Apply Direct Resin Based Sealer Name with GP



3. Apply into root canal with a proper instrument



4. Remove GP on the top of the orifice by cutter

Result*



Resin Based Root Canal Sealer

Contents:

- 110002 Direct Resin Based Sealer 10g X 1ea

***(2)Min-Gyu Park, DDS; In-Ryoung Kim, PhD; Hyung Joon Kim, PhD; Sang Won Kwak, DDS, MS, PhD; and Hyeon-Cheol Kim, DDS, MS, PhD. Physicochemical properties and cytocompatibility of newly developed calcium silicate-based sealers. Aust Endod J 2021**

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Medical Devices, Class IIa, CE0068, for more informations, please refer to the IFU.
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