



ProRoot® Bio Sealer

Bioceramic Endo Sealer

A better bioactive.

Prefer the bioactive method of root canal sealing?
ProRoot® Bio Sealer goes the extra mile.



Higher bioactive cement content¹



High clinical success rates³



Easy handling with minimal waste⁴



ProRoot® Bio Sealer has excellent viscosity allowing me to control placement. It flows into microanatomy and canal irregularities when present. The obturation pops off the screen, giving the post-operative image a dense look with no voids. When a bioceramic sealer is the best alternative, ProRoot® Bio Sealer will be my choice.

David J. Landwehr DDS, MS
Capital Endodontics, Madison, WI



TRUSTED
ENDO
PARTNER





Why choose ProRoot® Bio Sealer for your obturation?

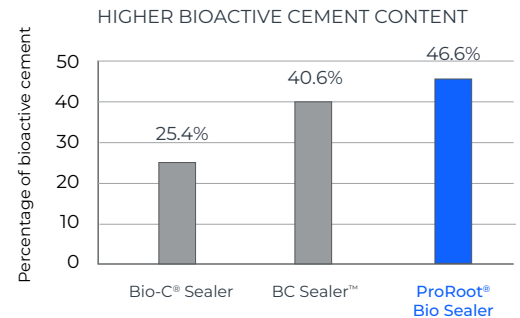
Higher bioactive cement content

ProRoot® Bio Sealer's calcium silicate-based formulation features **higher bioactive cement content¹**, compared to other bioceramic sealers, which promotes hydroxyapatite formation.

1. Based on crystalline portion evaluated by XRD analysis comparing different bioceramic sealers (cf. chart). Internal data on file. 2. SEM analysis 2025, DS funded, University of Zurich, external data on file.



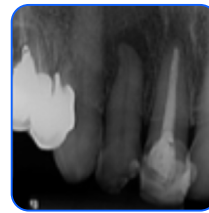
Hydroxyapatite formation of ProRoot® Bio Sealer²



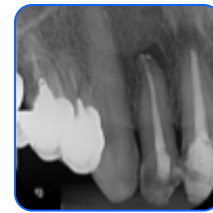
High clinical success rates³

- **Very high short term healing rate³**
- **More stable radiographic visibility** over time compared to leading bioceramic sealer³
- Post-op sensitivity observed in clinical study similar to AH Plus® and leading bioceramic sealer³

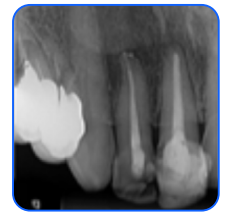
3. Randomized controlled ongoing clinical trial (>450 follow up cases) comparing bioceramic sealers with AH Plus resin-based sealer, Gustavo De-Deus, University of Rio de Janeiro. External data on file.



Pre-Op



Day of treatment



6 month recall

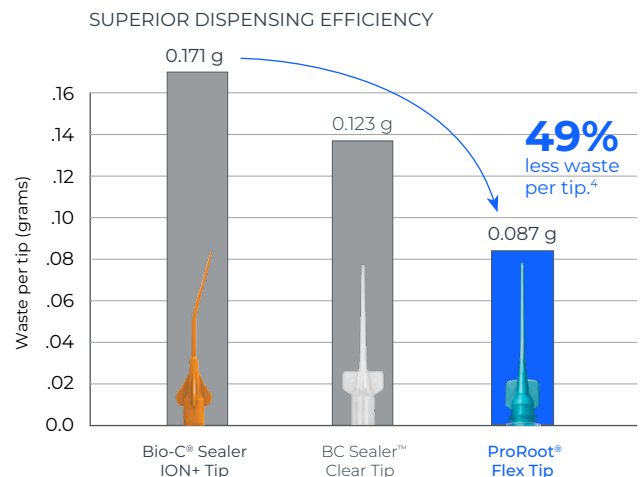
Easy handling with minimal waste

Innovation extends to ProRoot® Bio Sealer's applicator, too.

Its **flexible, adaptable** ProRoot® Flex Tip design affords precise application into all canal anatomies with up to **49% less waste per tip⁴**.

- Favorable flowability, syringe extrusion force, and easy application into the root canal⁵
- Suitable for all obturation techniques: Cold, warm, carrier based⁶
- Easy retreatment⁷
- Non-staining formula⁸
- High pH value⁹

4. Tip waste analysis of different bioceramic sealer tips. Internal data on file. 5. DS conducted professional evaluation, 2024. Internal data on file. 6. In vivo case study comparing handling of bioceramic sealers using warm obturation technique, Walsh. External data on file. 7. Carrillo, et al. Retrievability of calcium silicate-based root canal sealers during retreatment: an ex vivo study. Journal of Endodontics, 48(6), 781-786, February 2022. 8. ProRoot® Bio Sealer does not contain bismuth oxide which is responsible for staining. 9. In vitro pH study, demonstrated pH level of up to 11. Internal data on file.



To learn more, contact your Dentsply Sirona representative or visit www.dentsplysirona.com/proroot-bio-sealer

REF 60620140 ProRoot® Bio Sealer Kit (1 x 2.2 g Syringe, 20 ProRoot® Flex Tips)

For more information on non-published data, contact Consumables-Data-Requests@dentsplysirona.com. All brands mentioned above are not trademarks of Dentsply Sirona (except ProRoot® Bio Sealer).

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