

AH Plus® and AH Plus® Cleaner

The Gold Standard in Root Canal Sealing



How to achieve a superior endodontic seal

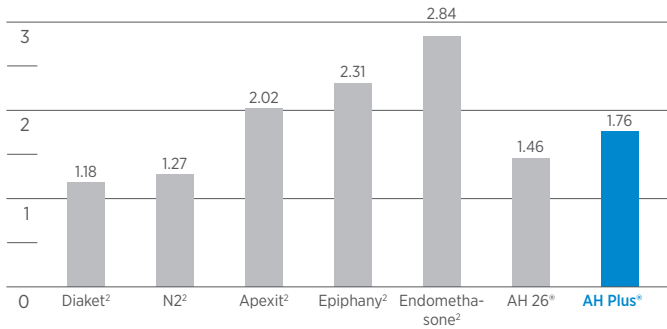
* Most globally researched endodontic sealer.

Most important requirements of an endodontic sealer: Proof that AH Plus® provides a superior seal

Tight sealing

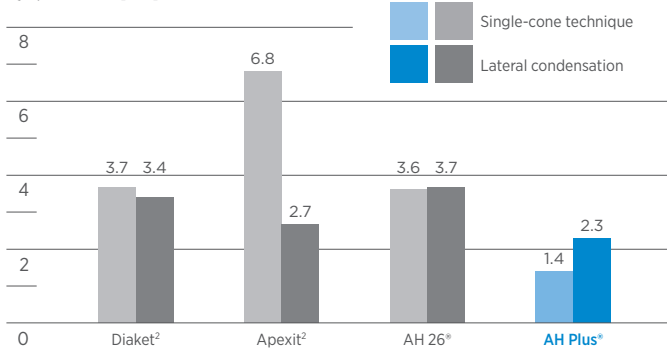
Excellent Low Shrinkage¹

ΔV [%]



Outstanding Low Leakage

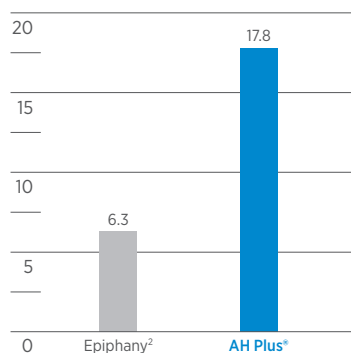
Dye penetration [mm]



Al-Khatar N, Kunzelmann K-H, Hickel R. Apical leakage of new root canal sealers. J. Dent. Res. 74 (3), 1995, 945, Abstract #273

Extraordinarily High Adhesion to Dentin in Root Canals

μ-push out Adhesion [MPa]



Souza SFC, Bombana AC, Francci C, Gonçalves F, Castellan C, Braga RR. Polymerization stress, flow and dentine bond strength of two resin-based root canal sealers. Int. Endod. J. 2009 Oct;42(10):867-73.

Biocompatibility

Biologically Inert

“In general, epoxy-based sealers do not cause irritating effects towards periapical tissues.”

“Once set, epoxy resins can be considered as biologically inert.”*

Anti-microbial

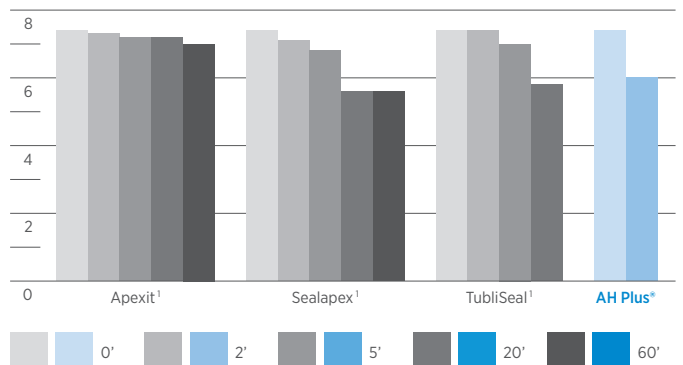
“AH Plus® exhibits moderate anti-microbial properties and therefore has the potential to reduce the germ load in the canal significantly.”*

* Rödiger T, Attin T, Hülsmann M: The root canal sealer AH 26®, AH Plus® and RoekoSeal – a literature review. Endodontie 2005; 14/2: 153-176 (German)

Antibacterial Activity of Fresh Sealer

Antibacterial activity of endodontic sealers by modified contact test against Enterococcus faecalis.

Survival rate of E. faecalis/Log CFU/mL

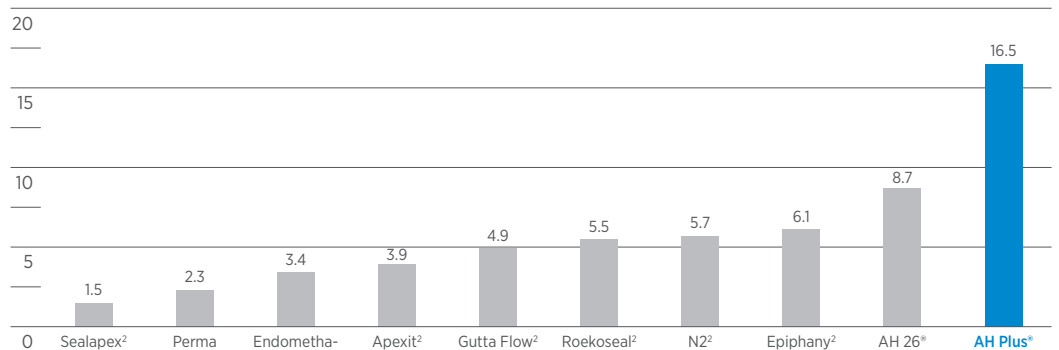


Survival rate of E. faecalis after direct contact for 2, 5, 20 and 20 minutes with fresh sealer.

Radiopacity

Superior Radiopacity¹

[mm/mm Al]



¹ Data on file.

² Not a registered trademark of Dentsply Sirona, Inc.

Thermaseal and Thermaseal Ribbon is based on the same technology of AH Plus.

Easy clean up with AH Plus® Cleaner and convenient application with AH Plus Jet®

AH Plus® Cleaner

For the removal of excess unset AH Plus®

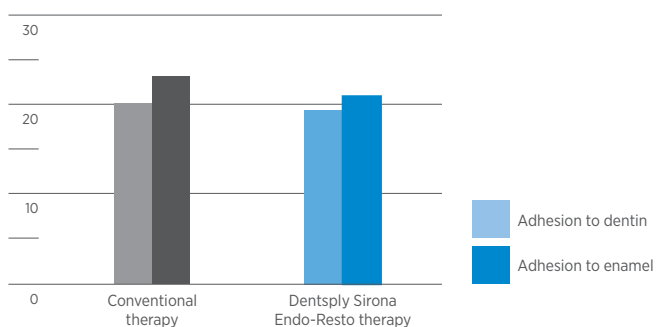
Allows for immediate direct restorative procedure after the root canal obturation with AH Plus®

AH Plus® Cleaner is a proprietary mixture designed to effectively remove amines and epoxy resins from dentin and enamel surfaces.

Prepares tooth substance for optimal adhesive procedure¹

AH Plus® Cleaner: No alteration to bond strength²

[MPa]



“Endodontic success rates can drop from 90% to 18% if coronal restoration is poor.”²

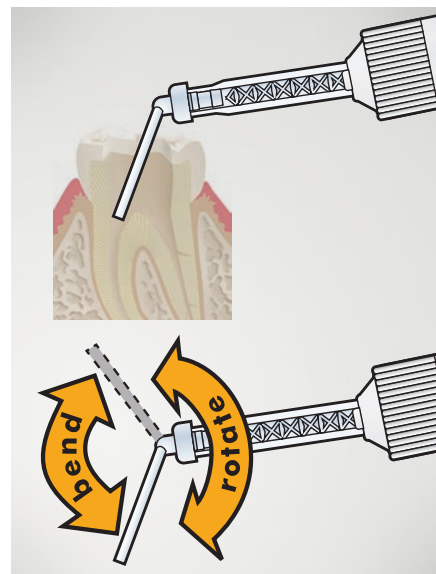
AH Plus® Cleaner can improve adhesion in the restorative procedure.



AH Plus Jet®

Efficient, Simple and Safe

- Controlled mixture of both pastes
- No manual mixing
- Direct placement
- Reduced waste
- Adjustable to anatomic conditions
- Disposable tips
- Clean application



¹ Proven for application of XP Bond® Universal Total-Etch Adhesive.
² Data on file.

Ordering Information

AH Plus Jet® Starter Kit

606.20.115

1 x AH Plus Jet® Mixing Syringe, 15 g, 20 x Mixing Tips with Intraoral Tip
1 x Mixing Pad, 1 x Illustrated Technique Guide, 1 x Organizer Tray



AH Plus Jet® Refill

606.20.118

2 x AH Plus Jet® Mixing Syringe, 15 g



MixingTips/Intra Oral Tips for AH Plus Jet®

606.20.116

40 x Mixing Tips with Intraoral Tip



AH Plus® (Tube Set)

606.20.110

1 x Tube of paste A, 4 ml, 1 x Tube of paste B, 4 ml, 1 x Mixing Pad



AH Plus® Cleaner

611.04.277

1 x AH Plus® Cleaner Bottle, 5 ml, 2 x Applicator Dish



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