

DSI ApexSil Silver



Content: 10g Manual Mix Syringe, Spatula, Mixing Pad

Ordering Code: ASIL-S

Sealer and Gutta-percha in one material

ApexSil Silver is a novel filling system for root canals that combines two products in one; sealer and cold gutta-percha with a particle size of less than 30µm.

Tight seal due to expansion and adhesion

ApexSil Silver is the first flowable, non-heated gutta-percha that does not shrink but expands slightly by 0.2%. Furthermore, ApexSil Silver has a very good adhesion to Gutta-percha points and dentin walls. This combination of expansion and adhesion creates an excellent seal.

Excellent flow properties

ApexSil Silver is thixotropic, the viscosity diminishes under pressure, and therefore it flows into the smallest canals during placement of master point and optional auxiliary points. This feature allows for a three-dimensional obturation without condensation.

Solubility

Through contact with body fluids, materials may dissolve over the years, creating space for bacterial colonization. Most standard root canal sealer materials are soluble to a varying degree. The solubility of ApexSil Silver is virtually zero. This results in a dimensionally stable and impervious root canal filling.

The New Generation ApexSil Silver

What's new with ApexSil Silver?

- > Adhesion to gutta-percha point and dentin wall
- > Easier to drill for retreatment and post preparation
- > The syringe
 - Ready to use – no triturator required
 - Easy handling
 - Dispenses just the quantity required
 - Homogeneously and hygienically mixed and free of air bubbles
- > Working time: <10 min
- > Setting time: 10-15 min

- No heat – no shrinkage
- Sealer and Gutta-percha in one material
- Exceptional flow plus expansion – no condensation required
- Adheres to Gutta-percha and dentin

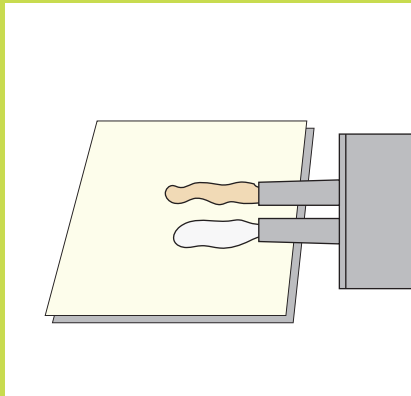
Highly biocompatible

Since endodontic filling materials remain in the body for many years, it is particularly important that there is no adverse effect on the surrounding tissue. Conventional materials demonstrate toxic characteristics ranging from “nontoxic mildly” to “severely toxic”. Clinical studies show ApexSil Silver to be extremely biocompatible.

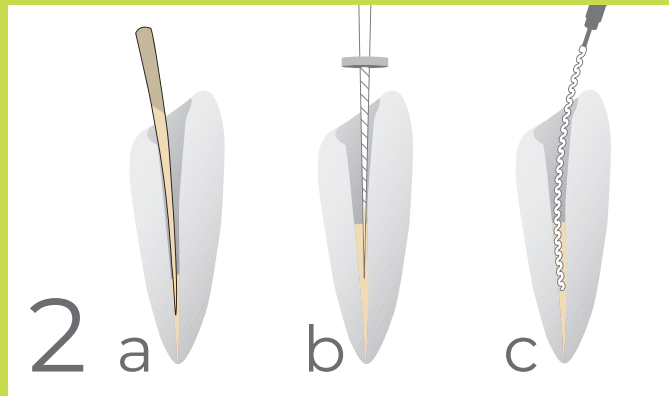
Optimum protection

ApexSil Silver contains micro-silver that provides optimum protection against re-infection of the root canal. The chemical form and concentration of the silver does not lead to any corrosion or discoloration of ApexSil Silver under clinical conditions.

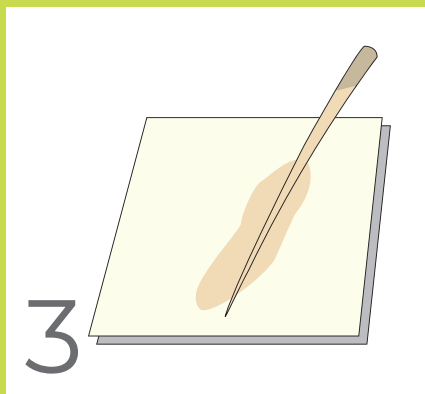
Easy, fast and safe in the root canal



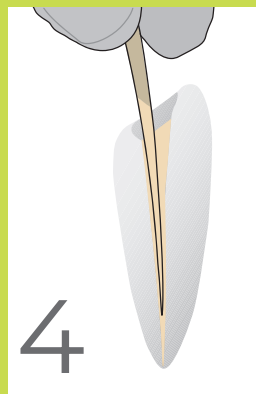
STEP 1
Slight pressure on the plunger and premixed material is dispensed from the tip.



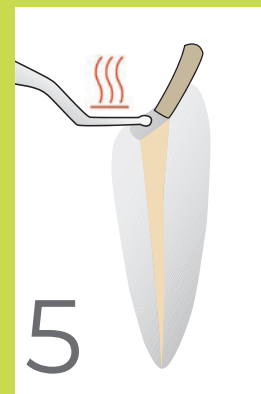
STEP 2
Either insert ApexSil Silver into the root canal with (a) the master point, (b) the last used apical file or (c) a lentulo spiral.



STEP 3
Coat the masterpoint with sufficient ApexSil Silver and set the apical stop. No lateral or vertical condensation is necessary.



STEP 4
Slowly insert the master point permanently. Depending on the clinical situation accessory gutta-percha points can be coated and inserted. ApexSil Silver combines sealer and gutta-percha in one product, the use of any sealers is not required. No condensation is necessary.



STEP 5
Sear off the master point with a heated hand instrument.