

Perma Evolution

Description

This permanent root filling material combines epoxy-amine technology with innovative benefits for the dental professional.

Application

After preparing the root canal using standard methods, and if necessary using a temporary filling material (e.g. Asphalene temp), the root canal is filled with Perma Evolution and guttapercha points. Before use, the cap of the double-chamber syringe must be removed by turning counter-clockwise. A mixing cannula supplied with the product is attached by inserting the spring of the mixing cannula into the groove in the syringe. The cannula is tightened by turning in a clockwise direction. When you press the piston, both pastes are mixed in the mixing cannula in a ratio of 1:1 to form a ready-to-use paste. The paste can be applied and worked from a mixing block using a lentulo or guttapercha point. Alternatively, the material can be applied directly to the canal openings and coronal part of the canal using Endo tips. After treatment is completed, the cap must be screwed back on to the syringe the mixing cannula discarded.

Properties

- free of iodoform and paraformaldehyde
- excellent biocompatibility
- outstanding dimensional stability
- antimicrobial activity
- strong adhesion to the dentin
- radiopaque
- easy retreatment
- suitable for all orthograde root filling techniques
- fulfills the requirements of EN ISO 6876 for dental root canal sealing materials
- working time: 15 minutes
- setting time: 24 hours



Composition

Paste 1 :

Dipropylene glycol diglycidyl ether, Diethylamine, Diethylenetriamine, Barium sulfate, Hydroxyl apatite, 3-Aminomethyl-3,5,5-trimethylcyclohexylamin, polyhexamethylene biguanide hydrochloride, Silicon dioxide, Aqua

Paste 2:

Bis(4,4'-glycidyoxyphenyl)-propan, C12-C14 Alkyl glycidether, Barium sulfate, Tri-Calciumphosphat

Form of Delivery

REF 555 Automix syringe with 5 ml content, 20 mixing cannulas and 20 endo tips

REF 555.0 Refill with automix syringe with 5 ml content, without cannulas and endo tips

REF 555.4 Starter-Kit, automix syringe with 1,5 ml content, 2 mixing cannulas and 2 endo tips.

Shelf life

24 months

Classification

Medical device, class IIa, Regel 8,
CE-Certificate: HD 60139053 0001,
TÜV Rheinland LGA Products GmbH, Nürnberg

Manufacturer

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