

PULPDENT ROOT CANAL SEALER



Pulpdent Root Canal Sealer is a permanent root canal filling material that meets ANSI/ADA Specification No. 57-2000 for Endodontic Sealing Materials. It is specially manufactured so that a thick mix can extrude through a 30-gauge needle and into irregularities and accessory canals for complete obturation of the root canal system.

Pulpdent Root Canal Sealer resorbs with the roots of deciduous teeth and is recommended for use in both primary and permanent teeth. It is tissue compatible, bacteriostatic, radiopaque and insoluble in the root canal. Slight extrusions beyond the apex are well tolerated and often resorb within six to twelve months.

Pulpdent Root Canal Sealer sets in two to three hours, and it does not shrink upon setting, ensuring a positive seal. The sealer can be drilled for a post, and it can be removed with gates glidden and peeso drills, if necessary.

**Tissue Compatible -
Slight Apical Extrusions Often Resorb Within 6-12 Months**



Figure L1
Shows obturation of second bicuspid and distal root of hemisected first molar with Pulpdent Root Canal Sealer. Note periapical lesion and slight extrusion of sealer beyond the apex of the bicuspid.



Figure L2
Radiograph five months later shows resorption of extrusion and healing of periapical lesion.



Figure L3
Radiograph 4 1/2 years later shows periapical healing, bone fill and bridge in place.

Resorbs with the Roots of Deciduous Teeth



Figure J1
Radiograph shows primary molar filled with Pulpdent Root Canal Sealer using the Pressure Syringe technique.



Figure J2
Radiograph shows bicuspid erupting and Pulpdent Root Canal Sealer resorbing with the roots of the primary molar.

**Permanent Filling
Material**



Figure K1
Pulpdent Root Canal Sealer can be used with or without gutta percha. Radiograph shows five permanent lower anterior teeth completely filled with sealer only.

**Pulpdent Root Canal Sealer
Technical Data**

Powder ingredients:

zinc oxide, calcium phosphate,
zinc stearate and barium sulfate

Liquid ingredients:

eugenol and Canada balsam

Standard:

ANSI/ADA Specification No. 57-2000
Endodontic Sealing Material

Mixing Ratio:

For use with Pressure Syringe,
mix to a thick, creamy consistency as follows:
a minimum of 3 level scoops powder :
3 drops liquid (or greater amounts in a ratio of 1:1)

For use with lentulo:

2 level scoops powder : 4 drops liquid
(or greater amounts in a ratio of 1:2)

Measuring Procedure:

Fluff powder by inverting bottle.
Measure level scoops of powder.
Do not pack powder into scoop.
Hold sealer liquid bottle vertically
downward when dispensing drops.

Working time: 30 minutes minimum

Setting Time: 2-3 hours

Storage: Store at normal room temperature
(72°F / 22°C) away from direct sunlight.