

# EpoSeal®

Epoxy based root canal sealer

**EpoSeal** is a two-component paste/paste epoxy resin-calcium phosphate based root canal sealer which combines the reliability of epoxies and the bioactivity of calcium phosphates. It has outstanding sealing capabilities with long time dimensional stability. Great handling properties and high radiopacity makes it the suitable choice for sealing root canal systems.

Chemically activated epoxy-calcium phosphate based sealer



## Indications

- Permanent root canal sealing.
- Thermal obturation.

## Benefits

- Excellent flow and superior biocompatibility.
- Easy to mix paste-paste.
- Non staining to the teeth.
- Hermetic sealing ability.
- Highly radiopaque.
- Insoluble in oral fluids.

## Chemistry

### Base :

Epoxy oligomer resin, Ethylene glycol salicylate, Calcium phosphate, Bismuth subcarbonate, Zirconium oxide.

### Catalyst :

Poly aminobenzoate, Triethanolamine, Calcium phosphate, Bismuth subcarbonate, Zirconium oxide, Calcium oxide.

## Technical Data

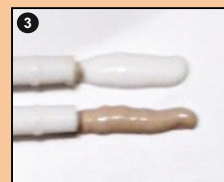
- 1) Mixing Time : 15 - 20 sec. 2) Working Time : 10-12 min.  
3) Setting Time : 15 - 20 min. 4) Flow : 50-70 mm  
5) Solubility : >2%



After completion Of BMP, Irrigate thoroughly with saline and dry using paperpoints



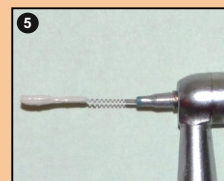
Presentation



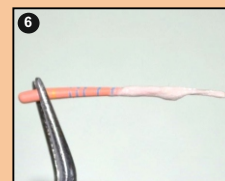
Dispense base and catalyst pastes



Spatulate thoroughly to get a homogenous void free mix



Sealer application using a paste carrier



Sealer application using a GP Point

## Presentation

Ref. : 40013

13.5g Manual Mix Tubes  
(Base paste 9g and Catalyst paste 4.5g)  
1 x Mixing Pad, 1 x Instruction Manual

## PREVEST DENPRO LIMITED

Export Promotion Industrial Park (EPIP),  
Bari Brahmana, Jammu-181133, India.

Tel.: 91 191 2430442/ 2432548  
Tel.: 91 1923 222774/222779  
Toll Free No. : 1800-180-7172

E-mail : info@prevestdenpro.com  
Website : www.prevestdenpro.com  
E-mail : customercare@prevestdenpro.com

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phosphate based sealer

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Bari Brahmna, Jammu-181133, India.

Tel.: 91 191 2430442/ 2432548  
Tel.: 91 1923 222774/222779  
Toll Free No. : 1800-180-7172

E-mail : [info@prevestdenpro.com](mailto:info@prevestdenpro.com)  
Website : [www.prevestdenpro.com](http://www.prevestdenpro.com)  
E-mail : [customer@prevestdenpro.com](mailto:customer@prevestdenpro.com)