

# Zical®

## Root Canal Sealer

Zical Root Canal Sealer is a resin based sealer in paste-paste form for permanent filling dental root canals. This sealant has been specially designed to tightly seal the apex of the root and the prepared root canal. It can be easily removed along with Gutta Percha Point when refilling is necessary. Zical is radiopaque, non staining, non irritating with excellent thermal insulation. Its long working time and lubricating qualities are additional features. Low zinc oxide contents of the composition alleviate some of the cytotoxic and inflammatory effects of the tissues.



## Indications

- Root canal sealing using gutta purcha points.

## Benefits

- Based on Grossman's Formula
- Radiopaque and non staining
- Excellent thermal insulation
- Very long working time
- Excellent lubricating qualities
- Low zinc alleviate cytotoxic and inflammatory effects of the tissues

## Chemistry

**Powder contains :** Zinc Oxide, Bismuth Sub-carbonate, Barium Sulphate, Sodium Borate, Iodoform, Hydrogenated Resin.

**Liquid contains :** Eugenol.

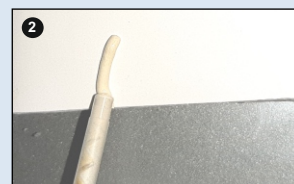
## Technical Data

- 1) Mixing Time : 30 Sec. 2) Working Time : 30 Min.
- 3) Setting Time : 45 - 60 Min. 4) Flow : 17 mm
- 5) Solubility : > 2% 6) Film Thickness : 45 µm

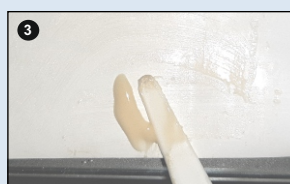
## Techniques



After completion of Bmp, irrigate thoroughly with saline and dry using paperpoints.



Extrude small amount on mixing pad



Mix thoroughly with spatula to obtain homogenous paste



Sealer application using a gutta purcha point

## Presentation

Ref. : 40009

**Powder - Liquid Pack :** 15g Powder, 10ml Liquid, Spoon, Mixing Pad, & Dispensing Dropper.

Ref. : 40010

**Auto Mix Pack :** 1 x 15g Cartridge, Base & Catalyst Paste, 20 x Automix Tips

Ref. : 40011

**Manual Mix Pack :** 1 x 15g Cartridge, Base & Catalyst Paste, 1 x Mixing Spatula and 1 x Mixing Pad.

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