

Micron Superior® Capsules

Aesthetic Fine Particle Glass Ionomer
Restorative Material In Capsules

Micron Superior capsule is a capsulated, prefilled, radiopaque Glass Ionomer Cement for restoration of primary teeth, core build up, restoration of class III, V and limited class I Cavities.



Indications

- Restoration of primary teeth
- Core build up
- Restoration of class III, V and Limited class I cavities

Benefits

- Optimised powder/ liquid ratio
- High wear resistance
- Simple to place, and easy to handle
- Self- curing/self adherent
- Radiopaque and offers strong adhesion to enamel and dentine
- High and sustained fluoride release
- Coefficient of expansion similar to tooth structure

Chemistry

Powder : FluoroAlumina Silicate Glass.
Liquid : Polyacrylic Acid Liquid.

Presentation

Ref. : 30010-3
♦ 10 x Single Shade Capsules
♦ 1 x Instruction manual.

Technique

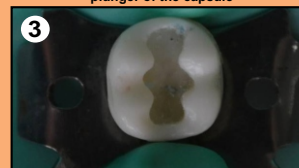
Activation and trituration of the capsule



Activate the capsule by firmly pressing the plunger of the capsule



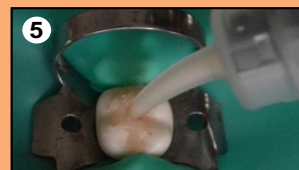
Titrate for 10 sec at 3000 oscillations/min



Wash and dry the prepared tooth but "DO NOT DESICCATE"



Remove the mixed capsule from the mixer and attach the applicator nozzle (in clockwise direction for snugly fit) before loading onto the capsule applicator and then secure the capsule onto a GIC dispensing gun



The material is delivered to the prepared cavity



Final restoration

Technical Data

- 1) Setting Time : 1.30 - 2 min.
- 2) Compressive Strength : 145-160 MPa

PREVEST DENPRO LIMITED

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Micron Superior Capsule is a capsulated, prefilled, radiopaque Glass Ionomer Cement for restoration of primary teeth, core build up, restoration of class III, V and limited class I Cavities. Sustained release and recharge of fluoride ions provides an anticariogenic property. Accurate powder/ liquid ratio ensues a homogenous mix, resulting in optimal physical properties.

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