

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

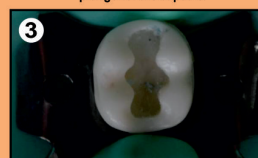
Activation and trituration of the capsule



Activate the capsule by firmly pressing the plunger of the capsule



Triturate for 10 sec at 3000 oscillations/min



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



Secure the capsule on to 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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