



IonoStar® Plus

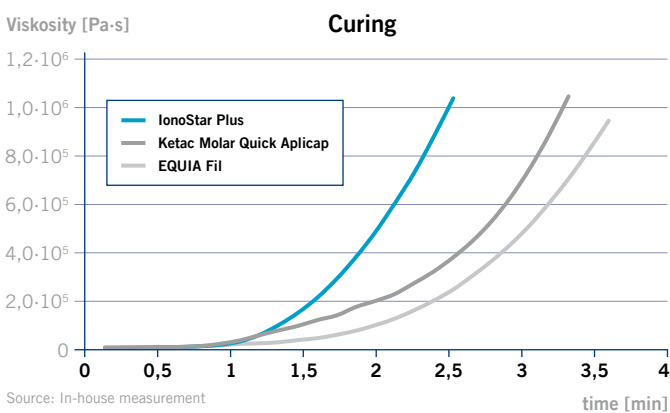
FAST-SETTING GLASS IONOMER RESTORATIVE MATERIAL

IonoStar® Plus

FLOWABLE – AND YET PACKABLE

IonoStar Plus is a glass ionomer restorative material with numerous special features. Very easy to extract from the capsule, the material at first has excellent wetting characteristics resulting in optimal marginal adaptation. Its viscosity then changes within a few seconds, making the material malleable for at least one minute without sticking. It thus provides ideal viscosity at every stage of application.

Moreover, IonoStar Plus has a curing time of just two minutes, after which work can continue immediately. This is a valuable advantage, particularly in the treatment of patients with low compliance, such as children.



The diagram shows the curing behaviour of the tested materials, measured by rheometer at 37 °C mouth temperature. Thanks to its initial, low-viscosity, consistency IonoStar adheres perfectly to the cavity walls. It then sets rapidly, resulting in only a short wait before the finishing process can begin.



IonoStar Plus is the first glass ionomer material to possess the fluorescence of a natural tooth, perfecting the naturally aesthetic appearance. This fluorescence makes the material excellently suitable for anterior restorations, which have exactly these aesthetic requirements.

Clinical case 1



Insufficient treatment of tooth 37



Prepared cavity



Placement of the low-viscosity glass ionomer cement



Viscosity changes to packable



Working the material



Result

Source: Dr. Walter Denner, Fulda / Germany

IonoStar® Plus

IN THE NEW APPLICATION CAPSULE

Thanks to VOCO's new application capsule, application is simple, practical and no longer requires the use of an activator device. The capsule is simply placed on a firm surface (e.g. a table) and pushed down by hand to slide the coloured flask containing the liquid into the powder chamber. This combines the powder and the liquid and is followed by conventional mixing using a capsule mixer. The application nozzle is then turned upwards, and the capsule is immediately ready for use once placed in any commercially available applicator.

No activator required

Simply turn the application nozzle upwards after mixing

Clinical case 2

Defects on teeth 24 and 25

Preparation

Application of IonoStar Plus

Packable viscosity

Working the restoration

Finishing

Polishing

Result

Source: Dr. Walter Denner, Fulda / Germany

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FAST-SETTING GLASS IONOMER RESTORATIVE MATERIAL

Indications

Restorations of non occlusion-bearing class I cavities
 Semi-permanent restorations of class I and II cavities
 Restorations of cervical lesions, class V cavities, root caries
 Restorations of class III cavities
 Restoration of deciduous teeth (permanent)
 Base / liner
 Core build-up
 Temporary restorations
 Extended fissure sealing

Advantages

- Perfect marginal adaptation and packability in one product, thanks to a change in viscosity during application
- Fast setting time of only 2 minutes from placement of the filling
- The first glass ionomer material with tooth-like fluorescence
- High level of fluoride release
- The new capsule design reaches smaller cavities and difficult-to access areas of the mouth
- High compressive strength and abrasion resistance

Presentation

REF 2540 Set application capsule 50 pcs.
 (10 × A2, 30 × A3, 10 × A3.5)
 REF 2543 Application capsule 20 pcs. A2
 REF 2544 Application capsule 20 pcs. A3
 REF 2545 Application capsule 20 pcs. A3.5
 REF 2546 Application capsule 150 pcs. A2
 REF 2547 Application capsule 150 pcs. A3
 REF 2169 VOCO Trifill instrument, 10 pcs.



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