

GC Gold Label 9

High Strength Posterior Restorative



Feature

- ◆ Chemical bond to tooth structure
- ◆ Tooth-like coefficient of thermal expansion
- ◆ High fluoride release
- ◆ Strontium based
- ◆ Reduced moisture sensitivity
- ◆ High compressive and flexural strength, and 60% higher wear resistance than conventional glass ionomers
- ◆ Excellent handling characteristics
- ◆ Range of 4 VITA¹ Shades: A2, A3, A3.5 and B2
- ◆ Good radiopacity
- ◆ Low solubility
- ◆ Long term clinical data

Benefit

- ◆ Allows minimal cavity preparation
- ◆ Less stress on margins and marginal seal
- ◆ Protects against secondary caries
- ◆ Promotes internal remineralization and surface strengthening
- ◆ Final finish may be completed under water in 6 minutes from start of mix
- ◆ Strong enough for use in posterior teeth
- ◆ Easier mixing and sharper setting makes it so easy to use
- ◆ Good colour match to tooth shade
- ◆ Easy post-operative diagnosis
- ◆ More durable, longer lasting restorations
- ◆ Assurance of successful restorations

Applications

- ◆ Class I and small Class II restorations in non-load bearing areas
- ◆ Class I and Class II restorations in deciduous teeth
- ◆ Transitional restorations
- ◆ Base / Core Build-ups



Importers & Dealers in Quality Dental Goods

Gold Label

A unique Glass Ionomer System setting the **GOLD** standard

1 A Strontium-based Glass Ionomer

All GC Gold Label Glass Ionomer contains strontium glass. The strontium glass provides good radiopacity and snap-set characteristics, unanimously preferred by clinicians around the world. Interestingly, strontium will mimic calcium in the formation of strontium hydroxyapatite and strontium fluoroapatite to affect internal remineralization within the tooth structure.

Surface Strengthening Effect

Research has shown that a strontium-based glass ionomer placed in calcium-containing environment (saliva) will result in calcium ion diffusing into the glass ionomer surface achieving a surface strengthening effect. All GC Gold Label Glass Ionomer strengthens over time in saliva.

3 A Consistent Predictable Seal

All GC Gold Label Glass Ionomer will display a glossy surface after mixing. This indicates sufficient free polyacrylic acid is available to begin the ion exchange process. The subsequent movement of ions between dentin, enamel and GC Glass Ionomer creates an ion exchange zone which chemically fuses them together. The resulting seal is consistent, predictable and long lasting.

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