

AHL Generic

Glass Ionomer Ceramic Reinforced Filling Material

Product Description

Advanced Healthcare's Ceramic Reinforced Glass Ionomer (CRGI) improves upon the silver reinforced restorative materials currently available, by substituting the silver tin alloy for a ceramic reinforcing agent. The main advantage of doing this is to significantly improve the aesthetics – No more 'black' fillings. Silver reinforced GI's and amalgams are often criticised for their poor aesthetics, but sometimes there is no alternative where a strong, durable restoration is required. However now with the introduction of their CRGI, Advanced Healthcare have given dentists the option of cost effective, more aesthetic, yet still strong material.

Features and Benefits

- Universal tooth shade - Good match in most situations
- Metal free restorative - Patient acceptance
- Much more aesthetic - No 'black' fillings
- Exceptional strength - Long lasting restorations
- Good Radiopacity - Shows clearly under x-ray
- Packable consistency - For ease of handling
- High wear and erosion resistance - Durable restorations
- Easy mixing - Reduction in surgery time

Product Indications

- Class I and II cavities in deciduous teeth
- Class I and II cavities in selected permanent teeth
- Repair of amalgam restorations when either tooth or restoration has failed
- In all classes of cavity where radiopacity is of prime concern
- Lining under amalgam and posterior composite restorations
- Core build ups under crowns
- Repairs to crown margins
- Long term temporary replacement for cusp(s)

Typical Properties of Glass Ionomer Ceramic Reinforced Filling Material

Property	ISO9917-1:2007 Class 4.2.c	Typical Properties
Working Time	-----	1 mins 55 secs
Net Setting Time	1 min 30 secs – 6 mins	2 mins 30 secs
Compressive Strength	100MPa Minimum	246MPa
Acid Erosion	0.17mm max	0.1mm

Product Code: 247XUPL (10g/5ml)

Shelflife: 2 years from the date of manufacture when supplied in AHL's standard packaging.