

AHL Generic

Aesthetic Posterior Glass Ionomer Restorative

Product Description

A high strength, general purpose direct aesthetic restorative. An enhanced glass ionomer filling material, which has been developed for minimal intervention dentistry. Ideal for use in posterior situations where aesthetics are of prime concern.

Features and Benefits

- Superb translucency - Excellent appearance
- Aesthetic match to natural tooth - Visually superior
- VITA® shading - Good colour matching
- Contains fluorescent additive - Matches enamel fluorescence
- High compressive strength - Durable restorations
- Radiopaque - Shows on patient x-rays
- Packable consistency - For ease of use
- Excellent biocompatibility - Minimal pulpal reaction
- Adheres chemically to tooth structure - No need to etch or bond
- Low solubility - For prolonged life

Product Indications

- Minimal Intervention (MI) treatment
- ART Technique
- Suitable for class I and II cavities in the adult dentition (non-load bearing)
- Geriatric and Paediatric restoration classes I, II, III, V cavities
- Final restorative for deciduous teeth
- Intermediate restorative for heavy stress cavities
- Sealing of pits and fissures
- Base and lining material

Typical Properties of Aesthetic Posterior Glass Ionomer Restorative

Property	ISO9917-1:2007(E) Classes B & C	Typical Properties
Working time	-----	2 mins
Setting time	1 min 30 sec – 6 mins	3 mins 10 secs
Compressive strength	100 MPa	260MPA
Shear bond strength	-----	4.0 MPa (To Bovine enamel & dentine)
Acid erosion	0.17 max	0.0038
Solubility (mm/hr)	-----	0.8%
Radiopacity (mm)	-----	2.5

Product Code: 276X...PL (Available shades A2, , A3, A3.5)

Shelflife: 3 years from the date of manufacture when supplied in AHL's standard packaging.