

Scientifically documented –
clinically confirmed in over
300 million restorations



Fuji IX GP & Fuji IX GP *FAST*

from **GC.**

Packable glass ionomer restoratives

9 reasons why it's the
GOLD STANDARD for
forward thinking dentists.

GC

GC Fuji IX GP and G

The **GOLD STANDARD** glass ionomer restorative
Here's why it's the n

1 Multiple indications

- For long-term and temporary posterior fillings
- Ideal for paediatric and geriatric patients
- In addition it can be used for core build-ups, as liner or as a base in the sandwich technique



3 Strong chemical bonding

- Effective ion exchange between dentin, enamel and Fuji IX GP
- No need for etching, bonding or light curing
- No need for a dry field or rubber dam



2 Fast bulk placement

- Non-sticky, packable consistency enables precise adaptation
- Single step placement even in large cavities
- Choice of setting time
- Available in ready-mix capsules for instant use



6 mins with 'normal set' GC Fuji IX GP



3 mins with 'fast set' GC Fuji IX GP FAST

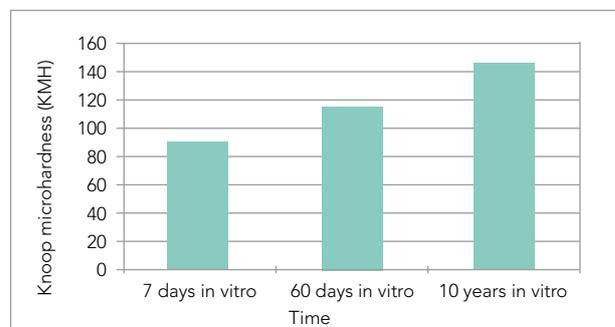


4 No microleakage

- Tight, chemically-fused and bacteria-proof marginal seal
- Flexible high bond strength for a tight and long-lasting seal

5 Long-lasting performance

- Outstanding compressive strength and surface hardness
- Stress-absorbing properties give long-term durability



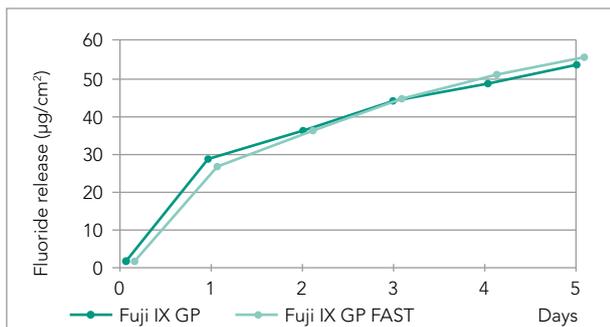
Micro hardness and Chemical Analysis of ART Restorations.
R.L. Zanata, A.C. Magalhães, M.C.C.A. Freitas, M.F.L. Navorro
Bauro School of Dentistry - University of São Paulo - Brazil

GC Fuji IX GP FAST

es - designed to give you the best of everything.
number 1 choice...

6 Fluoride protection

- Sustained fluoride release for extra protection



Source: GC R&D internal data, test details available on demand

7 Bio compatible

- Tolerated by patients who show sensitivity to metal or resin monomers



8 Extensively proven

- Assessed in over 400 published papers, abstracts and articles. Following a number of references:

Clinically proven success over 10 years with Atraumatic Restorative Technique (ART).
Ten-year survival of ART restorations in permanent posterior teeth. R.L. Zanata, T.C. Fagundes, M.C.C.A. Freitas, J.R.P. Lauris, M.F.L. Navarro. Clin Oral Investig. Feb, 2010.

Almost 8 years of Clinical success in Modern day practice.
Retrospective Evaluation of Fuji IX Load bearing Restorations (7 year 9 months eval). F.J.T. Burke; IADR Barcelona (2010) Poster presentation.

Systemic reviews indicate that Fuji IX performs similar to Amalgams in some clinical situations.
Clinical application of GIC: Atraumatic restorative treatment versus amalgam restoration longevity: a systematic review]. Clin Oral Investig 2009; 14: 233-40.

Systemic reviews indicate that Fuji IX has a significantly lesser chance to develop caries on restoration margins after 6 years compared to amalgam.
Absence of carious lesions at margins of glass-ionomer and amalgam restorations: A meta-analysis. Mickenautsch S, Yengopal V, Leal SC, Oliveira LB, Bezerra AC, Bönecker M. Eur J Paediatr Dent 2009; 10: 41-6.

Up-to-date list with references is available on
GC Europe website – <http://www.gceurope.com>



The GOLD STANDARD

- Outstanding properties plus unrivalled proof and experience have made GC Fuji IX GP the low-risk, hassle free 'gold-standard' glass ionomer restorative
- GC Fuji IX GP has set the benchmark that other high strength glass ionomers can only try to achieve

Used daily in well over
300 million restorations

worldwide proves that
GC Fuji IX GP delivers on its
promises for both dentists
and patients

Can you afford to use anything
less advanced?

GC Fuji IX GP and GC Fuji IX GP FAST

300 million restorations placed worldwide make it THE GOLD STANDARD glass ionomer restorative



1995
Prepared cavity after conditioning



1995
Final result after finishing and polishing



1998
The same restoration three years later



2001
The same restoration six years later



2007
The same restoration twelve years later

Dr. J.Neo



Packaging

GC Fuji IX GP

Capsules: Pack of 50 (minimum mixed volume per capsule: 0.12 ml)

Powder - Liquid: 1-1 package with 15 g powder and 6.4 ml liquid

Refill: Bottle of 15 g powder, bottle of 6.4 ml liquid

VITA Shades available: A2, A3, A3.5, B2, B3, C4

GC Fuji IX GP FAST

Capsules: Pack of 50 (minimum mixed volume per capsule: 0.12 ml)

VITA shades available: A1, A2, A3, A3.5, B2, B3, C4

Accessories for optimal results

To help extrusion:

GC Capsule Applier

To increase adhesion:

GC Cavity Conditioner and GC Dentine Conditioner

To prevent dehydration:

GC Fuji COAT LC or GC Fuji VARNISH

To increase wear resistance, protect margins and give extra shine:

GC G-Coat PLUS

Comparison of physical properties

	GC Fuji IX GP FAST	GC Fuji IX GP
Powder: liquid ratio g/g	0.36/0.10	0.35/0.10
Mixing time	10"	10"
Working time	1' 15"	2'00"
Finishing after	3'00"	6'00"
Compressive strength*	268 MPa	220 MPa
Diametric tensile strength*	23 MPa	22 MPa
Adhesions to bovine enamel*	6.9 MPa	5.9 MPa
Adhesions to bovine dentine*	5.8 MPa	4.4 MPa
Solubility in water	0.02 %	0.02 %
Solubility in lactic acid	0.21 %	0.21 %
Surface hardness (vickers)*	74	74
Radiopaque	Yes	Yes

*after 24 hours

GC EUROPE N.V.

Head Office
Researchpark
Haasrode-Leuven 1240
B - 3001 Leuven
Tel. +32.16.74.10.00
Fax. +32.16.40.48.32
info@gceurope.com
http://www.gceurope.com

GC UNITED KINGDOM Ltd.

12-15 Coopers Court
Newport Pagnell
UK - Bucks. MK16 8JS
Tel. +44.1908.218.999
Fax. +49.1908.218.900
info@uk.gceurope.com
http://uk.gceurope.com

