

# Glaslonomer FX *ULTRA*

Universal Enhanced Glass Ionomer Restorative



# Glaslonomer FX ULTRA

with a whole new edge ...

## FAST Aesthetic

Greater Stability

A truly self-adhesive, bulk filling glass ionomer restorative, **Glaslonomer FX ULTRA** outperforms conventional restoratives in its class, with its unique new formulation that provides superior aesthetics, translucency, lasting caries resistance and stability.

**Glaslonomer FX ULTRA** exhibits high initial reactivity and rapid maturation process that virtually equalizes refractive indices of the glass core and the matrix to provide a remarkably stable, strong, translucent and fluoride-rich restoration.

## Restore a multitude of clinical cases...

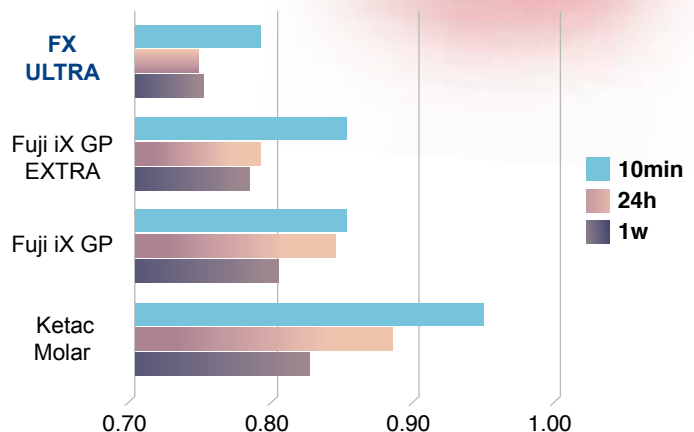
- Ideal paediatric & geriatric restorative
- Non-load bearing Class I & II cavities
- Class III and Class V cavities including Cervical erosions, Root Abrasion and Wedge shaped defects
- Provisional or transient restoration
- Bases, Core build-ups and Sandwich restoration
- ART and Minimally invasive restorations

### Fast And Easy Bulk Placement

Rapid interaction of powder and liquid assures an easy, smooth and fast non-tacky mix that is easily adapted to bulk fill in a single step.

### Remarkable Translucency With Exceptional Shade Stability

**Glaslonomer FX ULTRA** shows negligible change in colour and translucency with time, ensuring greater aesthetic stability as compared to standard glass ionomer restoratives which display significant change. **Glaslonomer FX ULTRA** exhibits exceptional resistance to colour variation with minimal difference in hue, chroma and shade over time.



Contrast Ratio (10min, 24h, 1w after start of mixing)  
(Internal data: Shofu R&D)



### Class V restoration with Glaslonomer FX ULTRA



Pre-restorative

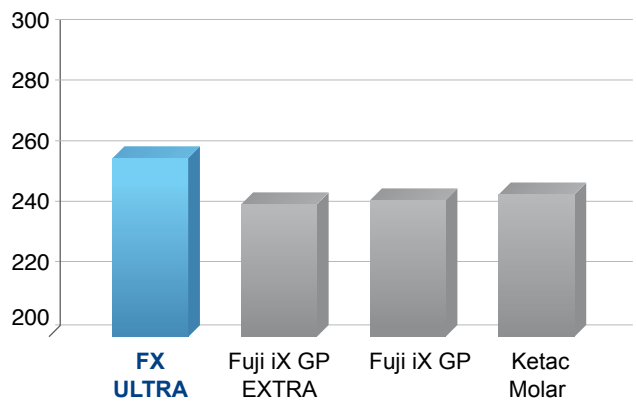
Post-restorative

Photographs courtesy of Dr. Sushil Koirala

# Reliable **STABLE**

## Strong & Durable

**Glaslonomer FX ULTRA** has a special glass and polyacrylic acid formulation that sets through a stable ionic bond to a strong and durable glass ionomer matrix, that consistently endures intra-oral forces.



Comparison of Compressive Strength (MPa) (Internal data: Shofu R&D)

Unrivalled translucency & aesthetics

### Posterior restoration with Glaslonomer FX ULTRA



Pre-restorative

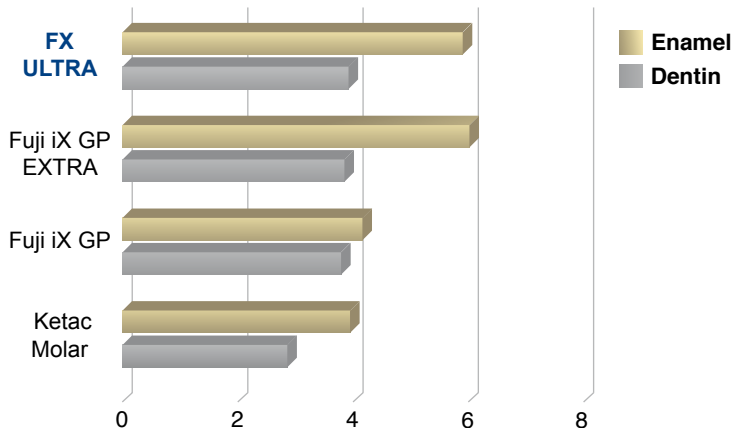
Removal of old restoration

Post-restorative

Photographs courtesy of Dr. Kenji Murai

## Dependable & Protective

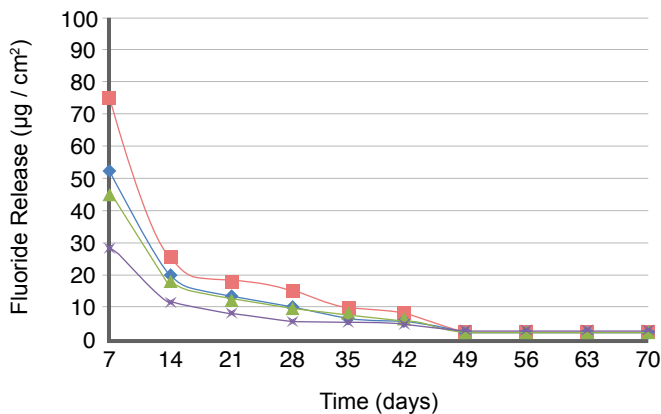
**Glaslonomer FX ULTRA** bonds reliably to both enamel and dentin, without requiring additional conditioning. High shear bond strength minimizes potential microleakage and provides an excellent seal against bacterial infiltration.



Comparison of Shear Bond Strength (Internal data: Shofu R&D)

Faster Maturation

Lasting durability



Sustained fluoride release and recharge provides additional protection against recurrent decay while ensuring lasting biocompatibility.

## Simple & Fast Application

<b>Powder : Liquid (g / g)</b>	2.7g : 1.0g	1 scoop powder : 1 drop liquid
<b>Mixing Time (23 °C / 73 °F)</b>	45"	From start of mixing
<b>Working Time (23 °C / 73 °F)</b>	2' 20"	From start of mixing
<b>Setting Time (37 °C / 99 °F)</b>	2' 30"	From end of mixing



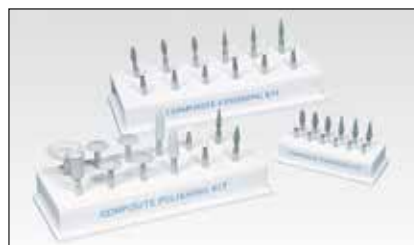
## Availability



Available in Shades A2, A3, A3.5, B2

### Glaslonomer FX ULTRA, 1-1 Set:

Powder 15g, Liquid 8ml (10g),  
Measuring scoop, Spatula, COCOA BUTTER,  
Mixing Pad, UNIVERSAL STRIPS



**Composite Finishing & Polishing Kit**  
(Finishing and polishing)



**Cocoa Butter**  
(Moisture protection)

Fluoride rich &  
caries resistant



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