

Prior to use, carefully read the instructions for use.

EN

GC Fuji™ II LC (Improved)

RADIOPAQUE LIGHT CURED REINFORCED GLASS IONOMER RESTORATIVE

Use only by a dental professional in the indications for use.

INDICATIONS FOR USE

- Class II and V restorations, particularly for cervical erosions and root surface caries.
- Restoration of primary teeth.
- Core build up.
- Cases where radiopacity is required.
- Geriatric applications.
- As a base or liner.

CONTRAINDICATIONS

- Direct pulp capping.
- Avoid use of this product in patients with known allergies to glass ionomer cement, methacrylate monomer or methacrylates polymer.

COMPOSITION

Powder: Fluoro-alumino-silicate glass, initiator, pigment
Liquids: Methacrylate, water, polyacrylic acid, dimethacrylate, carboxylic acid, initiator, stabilizer

DIRECTIONS FOR USE

Powder / Liquid Ratio (g/g)	3.2 / 1.0
Mixing Time (sec.)	20"-25"
Working Time (23°C/73°F) (min., sec.)	3'45"
Light Curing Time (sec.)	20"
Depth of Cure (A2) (mm)	1.8
ISO 9917-2 Class 2, Restoration	
Radio-opaque. Its radiopacity is equivalent to 3.1 mm or 310% of aluminum. (The radiopacity of aluminum is comparable to dentin.)	

- POWDER AND LIQUID DISPENSING**
a) Select shade based on Vita® shade guide.
b) Vita is a registered trademark of Vita Zahnfabrik, Bad Säckingen, Germany

- 1 level spoon of powder to 2 drops of liquid.
2. Measure a volume of powder, tap the eozette gently. Do not shake or invert.
3. Hold the liquid bottle vertically and squeeze gently.
4. Close bottles immediately after use.

2. MIXING

- Fill powder of bottle before dispensing (Fig. 1) or load one drop of powder and two drops of liquid on pad. Divide powder in half (Fig. 2).
- Spread liquid out into a thin layer (about the size of a half dollar coin) on the palette. Rub powder and mix thoroughly to a glossy appearance. Do not exceed 20-25 second total mixing time (Fig. 1).
- Full half of the powder onto liquid and mix with lapping strokes for 10 to 15 seconds (Fig. 4).
- Fill in remaining powder and mix thoroughly to a glossy appearance. Do not exceed 20-25 second total mixing time (Fig. 5).

3. PREPARATIVE TECHNIQUE

- Prepare tooth using standard techniques. For pulp mechanical retention is not necessary. Fix pulp capping use Calcium hydroxide.
- Apply CAVITY CONDITIONER (10 seconds) or DENTIN CONDITIONER (20 seconds) to the bonding surfaces using a cotton pellet or sponge.
- Rinse thoroughly with water. Dry by blotting with a cotton pellet or gently blowing with an air syringe. DO NOT DESICCATE. Best results are obtained when prepared surfaces appear moist (Fig. 3).
- Mix the required amount of cement. Working time is 3 minutes (45 seconds from the start of mixing at 23° (73°F). Higher temperatures will shorten working time).
- Transfer cement to the preparation using a syringe or suitable placement instrument. Avoid air bubble.
- Form the contour and finish in a translucent matrix if required.
- Light cure for 20 seconds using a visible light curing device (LED / Halogen >700 mW/cm²). Place light source as closely as possible to the cement surface.

4. FINISHING

- For cavities deeper than 1.8 mm, use a layering technique.
- Remove matrix and finish under water spray using standard techniques.
- Note:
Apply a final coat of GC Fuji VARNISH (blow dry) or GC Fuji COAT LC (light cure for 10 sec.) or G-COAT PLUS (light cure for 20 sec.).

STORAGE

Recommended for optimal performance, store in a cool and dark place (4-25°C / 39-77.0°F).

SHADE

(11 shades) A1, A2, A3, A3.5, A4, B2, B3, B4, C2, C4, D2.

PACKAGES

- 3-2 package: 15 g powder (3) (A2, A3, B3), 8 g (6.8 mL) plastic spatula (1), mixing pad (No.22) (1).
- Bottle of 15 g powder with syringe.
- Bottle of 8 g (6.8 mL) liquid.

CAUTION

- In case of contact with oral tissue or skin, remove immediately with a sponge or cotton soaked in alcohol. Flush with water.
- In case of contact with eyes, flush immediately with water and seek medical attention.
- Do not mix powder or liquid with other dental materials.
- Personal protective equipment (PPE) such as gloves, face masks and safety eyewear should always be worn.
- In rare cases the product may cause sensitivity in some people. If any such reactions are experienced, discontinue the use of the product and refer to a physician.

Some products referenced in the present IFU may be classified as hazardous according to GHS. Always familiarize yourself with the safety data sheets available at:
<http://www.gceurope.com>
They can also be obtained from your supplier.

CLEANING AND DISINFECTING:
MULTI-USE DELIVERY SYSTEMS: To avoid cross-contamination between patients this device requires mid-level disinfection. Immediately after use inspect device and label for deterioration. Discard device if damaged.
DO NOT IMMERSER. Thoroughly clean device to prevent drying and liquid contamination.
Disinfect with a mid-level registered healthcare-grade infection control product according to regional / national guidelines.

For the Summary of Safety and Clinical Performance (SSCP) please see EUADMED database (<https://ec.europa.eu/tools/eudamed/>) or contact us at Regulatory.gcc@gdc.dental

Undesired effects- Reporting:
If you become aware of any kind of undesired effect, reaction or similar events experienced by use of this product, including those not listed in this instruction, please report them directly through the relevant vigilance system, by selecting the proper authority of your country accessible through the following link:
https://ec.europa.eu/growth/sectors/medical-devices/contacts_en as well as to our internal vigilance system: vigilance@gdc.dental
In this way you will contribute to improve the safety of this product.

Last revised: 10/2023

2797

MANUFACTURED BY
G.C. CORPORATION
7-1 Nakayama-cho, Ina-shi, Nagano-ku, Tokyo 174-8585, Japan
DISTRIBUTED BY
G.C. CORPORATION
6-1 Higashimurachino, Ina-shi, Nagano-ku, Tokyo 174-8585, Japan
EU: G.C. EUROPE N.V.
Waterslootweg 148/149 • Interfeenslaan 23,
8-3001 Leuven, Belgium • Tel: +32 16 74 10 40



PRINTED IN JAPAN

Преџи употреба, внимателно прочетете инструкциџе за употреба.

BG

GC Fuji™ II LC (Improved)

РЕНТГЕНКОНТРАСТЕН ФОТО -ПОЛИМЕРИЗАЦИОН ПОДСИЛЕН ВЪЗСТАВОВАТЕЛЕН ПЛАС-ИОНОМЕР

Da se използва само от дентални лекари, свазяващи инструкциџе за употреба.

ИНДИКАЦИИ ЗА УПОТРЕБА

- Възстановяване класове III и V, особено цервикални ерозии и коренови површини.
- Възстановяване на млечни зъби.
- Изграждане.
- Случаи, изискващи рентгеноконтрастност.
- Гериатрично приложение.
- Као основа или подложка.

КОНТРАИДИКАЦИИ

- Избџавайте употребата на този продукт при пациенти с известни алергии към глас-иономерен цемент, метакрилатен мономер или метакрилатен полимер.

COMPOSITION

Прах: Флуор-алумино-силикатно стъкло, инициатор, пигмент
Течност: Метакрилат, вода, полиакрилова киселина, диметакрилат, карбоксилна киселина, инициатор, стабилизатор

НАСОБИ ЗА УПОТРЕБА

Съотношение прах / течност (g/g)	3.2 / 1.0
Време за смесване (сек.)	20"-25"
Време за работа (23°C/73°F) (мин., сек.)	3'45"
Време за фото-полимеризация (сек.)	20"
Дълбочина на полимеризация (A2) (mm)	1.8
ISO 9917-2 Клас 2, Възстановяване	
Рентгеноконтрастност: Неговата рентгеноконтрастност е еквивалентна на 3.1 mm или 310% алуминий. (Рентгеноконтрастността на алуминия е сравнима с дентина.)	

- РАЗПРЕДЕЛЕНИЕ НА ПРАХ/ТЕЧНОСТ**
a) Определете цвят от разсветката на Vita®.

- 1 равна лъжица прах към 2 капки течност.
2. За прецизно дозiranje на праха, леко почукайте шпательчето. Не го разклащайте или обърщавате.

- Обърнете бутилката с течността вертикално и стиснете леко.
2. Затворете бутилката веднага след употребата.

2. СМЕСИВАНЕ

- Разсџавате праха в бурканчето преди дозiranje (Фиг. 1) и поставяте една лъжица прах и две капки течност върху бурканчето. Разделете праха на две (Фиг. 2).
- Расълете течността в тънък слой (около 3 см) с пластмасова шпатула (Фиг. 3).
- Добавете течността от праха към течността и смесете, използвайки кръгови движения за 10-15 секунди (Фиг. 4).
- Добавете остатъката част от праха и смесете изцяло до лъскава консистенция. Не надвишавайте 20-25 секунди общо време за смесване (Фиг. 5).

3. ТЕХНИКА НА ВЪЗСТАВОВАНИЕ

- Припревявате зъба, използвайки стандартни техники. Разрязване механична ретенция не е необходимо.
- За покритване на пулата, използвайте калциев-хидроксид.
- Нанесете CAVITY CONDITIONER (10 секунди) или DENTIN CONDITIONER (20 секунди) на повърхностите на повърхностите, използвайки памучен туфлер или гъба.
- Промийте обикно с вода. Просушете чрез помпване с памучен туфлер или с лека въздушна струя. НЕ ПРЕСУШАВАЙТЕ. Най-добри резултати се получават, когато подготвените повърхности изглеждат влажни (блестящи).
- Смесете необходимото количество цемент. Времето за работа е 3 минути и 45 секунди от началото на смесването при 23° (73°F).
- По-високи температури ще съкратят времето за работа.
- Използвайте матрица или подходяща, използвайки шпирца или друг подходящ инструмент. Избџавайте издуване мекухурта.
- Оформете контура и ако е необходимо поставете транспарентна матрица.
- Фотополимерирайте със светлина за 20 секунди с помощта на фотополимериращ уред видима светлина (Дiodna / Облъчвала >700 mW/cm²). Поставете източника на светлина възможно най-близко до повърхността на цемента.

4. ФИНИРАНЕ

- Отстранете матрицата и финирирайте под воден шпрей, използвайки стандартни техники.
Забелџка:
Нанесете финален слой от GC Fuji VARNISH (проухайте) или GC Fuji COAT LC (светло cure за 10 сек.) или G-COAT PLUS (флуор-полимеризация за 20 сек.).

СЪХРАНЕНИЕ

За оптимални резултати се препоръчва съхраняването на хладно и сухо място (4-25° / 39-77.0°F).

ЦВЕТОВЕ

(11 тинтури) A1, A2, A3, A3.5, A4, B2, B3, B4, C2, C4, D2

ОПАКОВКИ

- 3-2 Опаковка: 15 g прах (3) (A2, A3, B3), 8 g (6.8 mL) течност (2), пластмасова шпатула (1)
- Ботилка от 15 g powder with syringe.
- Ботилка от 8 g (6.8 mL) течност.

ОПОЗОРЕНИЯ

- V припадџа контакт с нџки дотупи остни нево покoкoу нoдoстрeнe окaмџкe хабукуле нo нo бaвнџнo тaмoнe нaмeнo рeнoу в лџиу. Oпaрџнeтe пoдoу.
- V oвeдџнџи припадџe тџиу вџрoбeк зрoбџитe cилџтoв нa нџкџтџиx чacтeкx лeкaџкa пoдoу.
- Нe мeсaвeтe прaскa ил тeчнoстa c другџи глaс-иoнoмeрнџи кoмпoнeнтџи.
- PH при пpaџи вџрџу зрoбџитe oбщeнo прoстpeдџeтe, кoтo нoу рuкaвџцe, oблoжџeнo e нa cтaнoнe брџиe.
- V oвeдџнџи припадџe тџиу вџрoбeк зрoбџитe cилџтoв нa нџкџтџиx чacтeкx лeкaџкa пoдoу. Дe зрoбџитe cилџтoв нa нџкџтџиx чacтeкx лeкaџкa пoдoу.
- Нe мeсaвeтe прaскa ил тeчнoстa c другџи глaс-иoнoмeрнџи кoмпoнeнтџи.
- PH при пpaџи вџрџу зрoбџитe oбщeнo прoстpeдџeтe, кoтo нoу рuкaвџцe, oблoжџeнo e нa cтaнoнe брџиe.
- V oвeдџнџи припадџe тџиу вџрoбeк зрoбџитe cилџтoв нa нџкџтџиx чacтeкx лeкaџкa пoдoу. Дe зрoбџитe cилџтoв нa нџкџтџиx чacтeкx лeкaџкa пoдoу.
- PH при пpaџи вџрџу зрoбџитe oбщeнo прoстpeдџeтe, кoтo нoу рuкaвџцe, oблoжџeнo e нa cтaнoнe брџиe.
- V oвeдџнџи припадџe тџиу вџрoбeк зрoбџитe cилџтoв нa нџкџтџиx чacтeкx лeкaџкa пoдoу. Дe зрoбџитe cилџтoв нa нџкџтџиx чacтeкx лeкaџкa пoдoу.

Некои продукти, споменати в настоящите инструкции, могат да бъдат определени като опасни съгласно GHS. Винаги се запознавайте с информацията за безопасност налична на:
<http://www.gceurope.com>
Тез също така могат да бъдат изискани от Вашия доставчик.

CLEANING AND DISINFECTING:
MULTI-USE DELIVERY SYSTEMS: To avoid cross-contamination between patients this device requires mid-level disinfection. Immediately after use inspect device and label for deterioration. Discard device if damaged.
DO NOT IMMERSER. Thoroughly clean device to prevent drying and liquid contamination.
Disinfect with a mid-level registered healthcare-grade infection control product according to regional / national guidelines.

For the Summary of Safety and Clinical Performance (SSCP) please see EUADMED database (<https://ec.europa.eu/tools/eudamed/>) or contact us at Regulatory.gcc@gdc.dental

Undesired effects- Reporting:
If you become aware of any kind of undesired effect, reaction or similar events experienced by use of this product, including those not listed in this instruction, please report them directly through the relevant vigilance system, by selecting the proper authority of your country accessible through the following link:
https://ec.europa.eu/growth/sectors/medical-devices/contacts_en as well as to our internal vigilance system: vigilance@gdc.dental
In this way you will contribute to improve the safety of this product.

2797

MANUFACTURED BY
G.C. CORPORATION
7-1 Nakayama-cho, Ina-shi, Nagano-ku, Tokyo 174-8585, Japan
DISTRIBUTED BY
G.C. CORPORATION
6-1 Higashimurachino, Ina-shi, Nagano-ku, Tokyo 174-8585, Japan
EU: G.C. EUROPE N.V.
Waterslootweg 148/149 • Interfeenslaan 23,
8-3001 Leuven, Belgium • Tel: +32 16 74 10 40



(EN) Mixing Technique (HU) KEVERÉS
(FR) MÉLANGE (PL) MIESZANIE
(CS) MÍCHÁNÍ (RO) AMESTECAREA
(HR) MIJESANJE (RU) ЗАМЕШИВАНИЕ

(Fig. 1)

(Fig. 2)

(Fig. 3)

(Fig. 4)

(Fig. 5)

Před použitím si pečlivě přečtĚte návod k použití.

CS

GC Fuji™ II LC (Improved)

RADIOPAQVE SVĚTLONOCNĚ ZESILĚNÝ SKLOIONOMERNĚ VYPŮLNOVATELNĚN PĹAS-IONOMER

Urĉeno vĥhradnĚ k použití ve stomatologickĚ praxi v doporuĉenĚch indikacích.

INDIKACE K POUŽITÍ

- VypŇlnĚ karĉenzích kavĚt III a V, tĚĚtĚnĚ krĉkovĚch erozĚi a kořenovĚch kazu.
- Obnova ěstovĚch zĚb.
- Náštavby a dostavby.
- PřĚpady, při nichž je požadována radiopacita.
- GeriatrickĚ použití.
- Jako bázĚ nebo podložka.

KONTRAINDIKACE

- PřímĚ kontakt s pulpou.
- Nepoužívejte tento produkt u pacientĚ se známou alergií na skloionomernĚ cement, metakrylátovĚ monomer nebo metakrylátovĚ polymer.

SŤAV

Prásk: Fluor-hlinĚto-kemĚtickĚ stĚlo, iniciátor, pigment
TekutĚna: Metakrylat, voda, polyakrilová kĚselina, dĚmetakrylát, karboxylová kĚselina, iniciátor, stabilizátor

NÁVOD K POUŽITÍ

Prásk / tekutĚna pomĚr (g/g)	3.2 / 1.0
MĚchacĚ čas (sek.)	20"-25"
Pracovní čas (23°C/73°F) (min., sek.)	3'45"
VreĚna za foto-polimerizaci (sek.)	20"
Āas osvitĚ (sek.)	20"
Hloubka osvitĚ (A2) (mm)	1.8
ISO 9917-2 TĚdy 2, VypŇlnĚ	
RadĚcivnost: Jeho radiopacita odpovĚdĚ 3.1 mm nebo 310% hlinĚi. (RadĚcivnost hlinĚi je srovnatĚlnĚ s dĚntinĚ.)	

- DOZIRANĚ PRAŠKA I TEKUTĚNE**
a) OdrabŇi portĚ na temĚlju Vita® vodiĉa za boje.

- 1 rovnĚnŇ mlĚnĚci z prĚšku k 2 kapkĚm tĚkutinĚ.
2. Za pŇesĚnĚ odmĚrĚnĚ prĚšku lehce poklepejte lahviĉku. Neprotřevávejte a neobracujte ji.

- ObotĚ zhrubĚte prĚšku nĚkdyĚ okolo 1 polku stĚnsu.
- ObotĚ zavřete obotĚ lahviĉku hned po užitĚ.

2. MĚŠANĚ

- PřĚd dĚkovĚnĚm jĚmĚnĚ nĚtĚpĚje lahviĉku s prĚškĚm (obr. 1).
- NĚdávĉku 1 lĚdĉku prĚšku a 2 kapky tĚkutinĚ na podstavĉu. Rozoĉte prĚšku na potoĤnu (obr. 2).
- PřĚd mĚšáním prĚšku a tĚkutinĚ tĚkutinĚ na tenkou vrstvu (asi tak velikost 3 cm) (obr. 3).
- PřĚjeďte pulpu prĚškĚm na tĚkutinĚ i rozřizteje pŇuĤmĚni pohybem po dobo. Až 15 sekund (obr. 4).
- PřĚjeďte zbĚvajĚcí prĚškĚ nĚkdyĚ dĚkladně až došĚsnĚte hĚdnĚ konzistenci. Nepřekračujte 20-25 sekund celkovĚ doby mĚšání (obr. 5).

3. RESTORAČNĚA TECHNIKA

- PrĚparujte kaŇbĚ ŇbĚžnĚm zpĚsobem. ZvyšĚte mechanickĚ retence nĚmĚ nutnĚ. Pro pokrytĚ pulpy užívejte hydroxy-vápenatĚ.
- NanĚste CAVITY CONDITIONER (10 sekundĚ) nebo DENTIN CONDITIONER (20 SEKUNDĚ) na spojovĚci plochy za použití bavĚnĚnĚho tamponĚ či hubĚčky.
- Rinĉte througĚly vodou. SuchĚte osuše vĚtĚm tamponĚm nebo nĚmĚm proudem vzduchu. NEPŘESUŠUJTE. Nejlepšíe výsledky došĚhnĚte při lehkĚ navĚichenĚm přĚtĚrĚnĚch plochĚch (mĚkkĚ vlĚkĚ).

- SmĚchejte požadované množstvĚ cementu. Pracovní čas je 3 minuty a 45 sekund od začĚtkĚ mĚšĚnĚ při 23°C (73°F). Při vyššĚm tĚplotĚm dojde k zkrĚtĚnĚ pracovního času.
- NĚnanĚte cement do kavĚty štĚřkou kĚ jinĚm vhodnĚm nástroĚm. VyhnĚte se vzdušnĚm bubĚnĚm.
- FormĚte konturu a pokud je vhodné umístĚte transparenĉní mĚtrici.
- Vytvřteje vidĚtĚno po dobu 20 sekund pomocí zařtenĚnĚ pro vytvřzování vidĚtĚno s světlnĚ LED / halogen >700 mW/cm².

- UmĚstĚte zdroj svĚtlĚnĚ na 20 mm nad povĚrchĚm cementu. PoznĚmka: Pro kaŇbĚ hubĚši nĚz 1.8 mm použĚjte technĚku vrstvenĚ.
- ZAVRŠĚNĚA OBRAĐA
OdrĚstĚnĚte mĚtrici i zavřĚno obrĚditĚ pod vodenĚm mĚzkom koristĚte standardĚnĚ technĚku.

- DOŠĚDNĚE
OdsĚrtĚte mĚtrici kaŇbĚ GC Fuji VARNISH (osuše vzduchem) nebo GC Fuji COAT LC (osvĚtlĚte 10 sek.) ili G-COAT PLUS (osvĚtlĚte 20 sek.).

POSOBĚNĚ
Pro došĚdnĚ optimĚlnĚ výsledky sklĚdĚte na chlĚdnĚm a tmavĚm mĚstĚ při tĚplotĚ (4-25°C) (39.2-77.0°F).

OSTŇNĚ

(11 ostĚnĚ) A1, A2, A3, A3.5, A4, B2, B3, B4, C2, C4, D2

BALENĚ

- 3-2 balenĚ: 15 g prĚšek (3) (A2, A3, B3), 8 g (6.8 mL) tekutĚna (2), žĚlĉka na prĚšek (1), mĚchacĚ potĚzky (No. 22) (1), umĚlnĚnĚno špĚchle (1)
- Lahevka od 15 g prĚšku se žĚlĉkou mĚřitelĚna lĚžĚnĹka (1), smĚsitelĚno bĚloĉek (No. 22) (1), plastmasová špĚtula (1)
- Lahevka 8 g (6.8 mL) tekutĚny

OPOZORENĚ

- U slušĚjĚ dĚdira sa slušĚnĚm i kožom, odmah odstrani spužvicom ili vatom natopjenom u alkoholu. Isprati vodom.
- U slušĚjĚ dĚdira sa očima, odmah isprati vodom i potražiti liječnika.
- Ne mješajte prašak ili tekućinu s drugim stakloionomernim komponentama.
- Osoba zaštićena (PPE - Personal Protective Equipment), kao što su rukavice, maska za lice i sigurnosna zaštitna oprema, treba uvijek biti korištena.
- U rijetkim slučajevima ovaj proizvod može uzrokovati osjetljivost kod nekih osoba. U slučaju takve reakcije valja prekinuti s uporabom proizvoda i obratiti se liječniku.

Neki proizvodi spomenuti u ovu Ppiti za uporabu mogu se klasifikirati kao opasni prema GHS. Uvijek se upoznavajte s informacijama o opasnosti dostupnim na:
<http://www.gceurope.com>

CLEANING AND DISINFECTING:
MULTI-USE DELIVERY SYSTEMS: To avoid cross-contamination between patients this device requires mid-level disinfection. Immediately after use inspect device and label for deterioration. Discard device if damaged.
DO NOT IMMERSER. Thoroughly clean device to prevent drying and liquid contamination.
Disinfect with a mid-level registered healthcare-grade infection control product according to regional / national guidelines.

For the Summary of Safety and Clinical Performance (SSCP) please see EUADMED database (<https://ec.europa.eu/tools/eudamed/>) or contact us at

