

**everX Flow™**  
SHORT-FIBRE REINFORCED FLOWABLE COMPOSITE FOR DENTAL REPLACEMENT

For use only by a dental professional in indications for use.

#### INDICATIONS FOR USE

everX Flow is a reinforcing dentin replacement material suitable for:

- All direct composite restorations including large posterior cavities, deep cavities and end-to-tooth filled, cavities with missing cusps, or after amalgam removal and cavities where inlays and onlays would also be recommended.
- Cure build-up.
- Note: Although everX Flow features a high strength and fracture toughness, it should always be occlusally covered with a layer of light-cured universal restorative composite to ensure sufficient wear resistance.

#### CONTRAINDICATIONS

- Direct pulp capping.
- Avoid use of this product in patients with known allergies to methacrylate monomer or methacrylate polymer.
- Do not use as final occlusal layer. Always cover with a layer of light-cured universal composite.

#### PRODUCT DESCRIPTION

everX Flow is a light-cure, radio-opaque, flowable restorative material to be used intra-orally and classified as a Type 2 and Class 2 (Group 1) per ISO standard 4049. This material has a radiopacity equivalent to 2.0-2.5 mm aluminium (dentine = 1 mm, enamel = 2 mm).

The particle size of inorganic fillers range is 0.02-1.3 µm. The average length of fibres is 140 µm and the diameter is 6 µm. The total amount of inorganic filler is approximately 52 vol%.

#### COMPOSITION

Barium glass, dimethacrylate, glass fiber, initiator, pigment, silicon dioxide, stabilizer

#### DIRECTIONS FOR USE

- Preparations
  - Hold the syringe upright and remove the cap by turning counterclockwise.
  - Pressing and securely attach the dispensing tip to the syringe by turning clockwise.
  - Note: Use the light protective cap until use. The cap does not prevent the material from curing too tightly. This may cause the threads are free of remnant material.
- Shade Selection
  - Clean the tooth with pumice and water. Select the appropriate shade of everX Flow Bulk or Dentin shade. Refer to 6 Light-curing for the respective depth of cure of each shade.
- Note: Shade selection of the final composite layer should be made prior to isolation.

The shade guide of everX Flow is available on the GC Website.

#### Cavity Preparation

Prepare the cavity using standard techniques. Dry by gently blowing with oil free air. The use of a rubber dam is recommended to isolate the prepared tooth from contamination with saliva, blood or sulcus fluid.

Note: For pulp capping, use calcium hydroxide.

For bonding everX Flow to enamel and/or dentin, use a light-cured universal bonding system such as G-Premio BOND (Fig. 2). Follow manufacturer's instructions.

5. Placement of everX Flow – see note for Class 1 and large cavities

- Remove the light protective cap from the dispensing tip.
  - Prior to extruding the material into the cavity, make sure to check the following:
    - The dispensing tip is securely attached to the syringe.
    - Any possible air from the dispensing tip is removed by gently pushing forward the syringe plunger with the tip pointing upwards until the material reaches the opening of the tip (Fig. 3).
  - Place the dispensing tip as close as possible to the prepared cavity, and slowly push the plunger to extrude material (Fig. 4). When placing everX Flow directly into the cavity, ensure that there is enough space for the overlying composite to be placed over the restoration (refer 7. Placement of the overlying composite).
  - Note – Class 1 and large cavities
    - 1) Use a suitable matrix system to establish the proximal contact of the restoration.
    - 2) Placing everX Flow directly in a Class II or a large cavity (Fig. 5a).
    - 3) Or build up missing material using everX Flow or universal composite (Fig. 5b) and proceed with placement of the overlying composite (Fig. 5c).
  - Always cover occlusal area with a layer of light-cured universal restorative composite (Fig. 6).

- If the dispensing tip is plugged, remove it and extrude a small amount of material directly from the syringe.
- Minimise exposure to ambient light. Ambient light can cause premature curing and manipulation time.
- After use, immediately remove and dispose of the dispensing tip and tightly close the syringe with the cap.

#### Clinical Hint

In order to inject effectively, use the surface tension of the material to ensure uniformity across the entire surface of the restoration during build up. Once the material has been injected, release the pressure on the plunger and withdraw the syringe perpendicular to the surface. This will allow the material to separate from the dispensing tip and provides a smooth surface over the restoration.

6. Light-curing

Light-cure everX Flow using a light curing unit. Keep the light guide as close as possible to the surface (Fig. 7). Refer to the light curing chart for irradiation Time and Effective Depth over the surface.

| Irradiation Time and Effective Depth of Cure |                                         |
|----------------------------------------------|-----------------------------------------|
| Shade                                        | 10 sec. (High Power LED) (>1200 mW/cm²) |
| Bulk shade                                   | 20 sec. (Halogen/LED) (>700 mW/cm²)     |
| Bulk shade                                   | 5.5 mm                                  |
| Dentin shade                                 | 2.0 mm                                  |

The effective wavelength range of each dental curing unit must cover 450-480 nm.

- Note:
- Only the Bulk shade can be placed using a bulk application. The Dentin shade should be placed and finished in layers as described in the above table.
  - Lower light intensity may cause insufficient curing or discoloration of the material.

7. Placement of the overlying composite
Fill the remaining cavity space with a wear-resistant and polishable restorative composite, such as G-enial ACHORD or G-enial Universal Injectabile. The composite layer should have a thickness of 1-2 mm on the occlusal surface (Fig. 8). Light-cure as instructed by the manufacturer.

8. Finishing and Polishing
Check and adjust the occlusion. Finish and polish using standard techniques.

#### SHADES

everX Flow is available in two shades: Bulk shade and Dentin shade.

#### STORAGE

For recommended for optimal performance, store in a cool and dark place (4-25°C / 39-77°F).

#### PACKAGES

- Syringe 3.7 g (2.0 mL) x I, DISPENSING TIP III Plastic x 20, Light-protective cap x 1
- DISPENSING TIP III Plastic x 30, Light-protective cap x 2

#### CUTION

- In case of contact with oral tissue or skin, remove immediately with cotton or a sponge soaked in alcohol. Flush with water. To avoid contact, a rubber dam and/or COCOA BUTTER can be used to isolate the operation field from the skin or oral tissue.
- In case of contact with eyes, flush immediately with water and seek medical attention.
- Take care to avoid ingestion of the material.
- Do not mix with other material by rubbing.
- Dispensing tips are for single use only. To prevent cross contamination between patients, do not reuse the dispensing tip. The dispensing tip cannot be sterilized in an autoclave or chemically.
- Wear plastic or rubber gloves during operation to avoid direct contact with air-biased resin layers in order to prevent possible sensitivity.
- When protective eye glasses during light curing.
- When polishing the polymerized material, use of dust collector and avoid contact with skin and/or clothing.
- Avoid getting material on clothing.
- In case of contact with unintended areas of tooth or cotton pellet before light curing.
- Do not use everX Flow in combination with eugenol containing materials as eugenol may hinder everX Flow from setting.
- Do not wipe the dispensing tip with excessive alcohol as this may cause contamination of the paste.
- Dispose of all waste according to local regulations.
- In case uses 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.
- Personal protective equipment (PPE) such as gloves, face masks and safety eyewear should always be worn.

Some products referenced in the present I/P may be classified as hazardous according to GHS. Always familiarise yourself with the safety data sheets available at:

https://www.gc-dental/europe or for The Americas https://www.gc-dental/america

Products can also be obtained from your supplier.

#### CLEANING AND DISINFECTING

- Use everX Flow DELIVERY Syringe to avoid cross-contamination between patients. This device requires mid-level disinfection immediately after use in respect device and label for disinfection. Discard device if damaged.
- Do NOT IMMERGE. Thoroughly clean device to prevent drying and accumulation of contamination on the device.

As well as to our internal vigilance system, we have implemented healthcare-grade infection control product according to regional / national guidelines.

UK Responsible Person  
o GC UNITED KINGDOM Ltd.  
Coopers Court Newport Pagnell, Buckinghamshire, MK16 8JS  
United Kingdom

Last revised: 06/2026

Undesired effects: Reporting  
If you become aware of any undesired effect, reaction or similar events experienced by use of this product, including those not listed in this instruction for use, please report them directly through the relevant vigilance system or by addressing the proper authority of your country accessible through the following link:

https://ec.europa.eu/growth/sectors/medical-devices/contact, as well as to our internal vigilance system at: https://www.gc-dental.in

For the Summary of Safety and Clinical Performance (SSCP) please see EUADMED database (https://ec.europa.eu/autoc/euadmed) or contact us at Regulatory.gc@gc-dental

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**everX Flow™**  
MIT KURZEN GLASFASERN VERSTÄRKTES FLOWABLE COMPOSITE FÜR DENTINERSATZ

Nur zur Verwendung durch zahnärztliches Fachpersonal gemäß den Anwendungshinweisen.

#### INDIKATIONEN

everX Flow ist ein verstärktes Dentinersatzmaterial geeignet für:

- Alle direkte Kompositrestaurationen einschließlich großer Kavitäten, tiefen Kavitäten und endodontisch behandelter Zähne. Kavitäten mit fehlenden Höckern oder nach der Amalgamentfernung, sowie Kavitäten für weiche Inlays und Onlays empfohlen werden.
- Summfüllungen.
- Anmerkung: Obwohl sich everX Flow durch eine hohe Festigkeit und Bruchdehnbarkeit auszeichnet, sollten die Okklusalfunktionen immer vollständig mit einer Schicht aus lichthärtendem Universal-Füllkompositmaterial abgedeckt werden, um eine ausreichende Abriebfestigkeit zu gewährleisten.

#### KONTRAINDIKATIONEN

- 1 Direkte Pulpaüberkappung
- 2 Dieses Produkt darf nicht bei Patienten verwendet werden, die eine Allergie gegen Methacrylatmonomere oder Methacrylatpolymer aufweisen.
- 3 Nicht als finale okklusale Schicht nutzen. Immer mit einer Schicht lichthärtenden Universal-Compositen abdecken.

#### PRODUKT-BESCHREIBUNG

everX Flow ist ein licht- und röntgenstrahlendes, fließfähiges Restaurationmaterial, das intraoral verwendet und gemäß ISO-Norm (Gruppe 1) in die Klasse 2 (Gruppe 1) klassifiziert ist. Dieses Material ist eine Röntgenopazität, die 2,0-2,5 mm Aluminium entspricht (Dentin = 1 mm, Zahnschmelz = 2 mm). Die Partikelgröße anorganischer Füllstoffe beträgt 0,02-1,3 µm. Die durchschnittliche Länge der Glasfasern beträgt 140 µm und der Durchmesser 6 µm. Die Gesamtmenge an anorganischen Füllstoffen beträgt 52 Vol.-%.

#### ZUSAMMENSETZUNG

Bariumglas, Dimethacrylat, Glasfaser, Initiator, Pigment, Siliziumdioxid, Siliciumdioxid, Stabilisator

#### GEBRAUCHSANLEITUNG

- 1 Vorbereitung
  - a) Die Spritze aufrichten halten und die Kappe durch Drehen entgegen des Uhrzeigersinns entfernen.
  - b) Die beiliegende Dispensierspitze an der Kappe des Uhrzeigersinns anbringen.
  - c) Platzieren Sie den Lichtschutzverschluss bis zum Gebrauch.
  - d) Anmerkung: Nach der Applikationsschicht nicht zu fest zu ziehen, da sonst das Gewinde beschädigt werden könnte. Um eine dichte Note zu erzielen, sollte die Applikationsschicht so gemacht werden, dass das Gewinde frei von Restmaterial ist.
- 2 Farbauswahl
  - a) Wählen Sie zwischen den Wasser reinen. Wählen Sie die gewünschte Farbe everX Flow Bulk-Farbe oder Dentin-Farbe. Die Farbe 6 Lichtschutz für die entsprechende Farbe der Lichtführung der Farbe.
  - b) Anmerkung: Die Farbauswahl der definitiven Kompositmaterialschicht sollte vor der Isolation erfolgen.
- 3 Kavitätvorbereitung
  - a) Die Kavität mittels Standardtechnik präparieren. Mit möglichen, offenen Luftström trocknen. Kofferdam wird zur Isolierung der präparierten Zähne empfohlen, um eine Kontamination mit Speichel, Blut, oder Gewebeflüssigkeit zu vermeiden.
  - b) Anmerkung: Zur Pulpaüberkappung Calciumhydroxid benutzen.
- 4 Bonden
  - a) Zum Bonden von everX Flow an Schmelz- und/oder Dentin ein lichthärtendes Bondingsystem wie G-Premio BOND benutzen (Abb. 2). Die Dispensierspitze sollte in einer Klasse II oder größeren Kavität platziert werden (Abb. 5a).
  - b) Plazierung von everX Flow – siehe Anmerkung für Klasse II oder größere Kavitäten
  - c) Entfernen der Lichtschutzkappe von der Dispensierspitze.
  - d) Anmerkung: Bevor Sie das Material in die Kavität applizieren, stellen Sie folgendes sicher:
    - 1) Die Dispensierspitze ist sicher auf der Spitze befestigt.
    - 2) Mögliche Luft in der Dispensierspitze wird durch vorsichtiges Drücken des Spritzenkolbens, bis das Material die Öffnung der Spritze erreicht.
    - 3) Plazieren Sie das Dispensierspitze so nah wie möglich in der präparierten Kavität und drücken Sie langsam den Kolben, um das Material zu applizieren (Abb. 4). Wenn Sie everX Flow in die Kavität platzieren, stellen Sie sicher, dass an den Okklusalfächern der Restauration ausreichend Platz für die Kompositmaterialschicht besteht.
    - 4) Plazierung der Kompositmaterialschicht (Abb. 5c).
  - e) Entfernen der Kavitätsschutzkappe (Abb. 5b) und gehen Sie mit der Applikationsschicht über (Abb. 5c).
  - f) Verwenden Sie ein geeignetes Matrixsystem zum Aufbau der Approximalkappe und der Kontaktpunkte.
  - g) everX Flow direkt in einer Klasse II oder größeren Kavität platziert (Abb. 5a).
  - h) Oder fehlende Wände mit everX Flow oder Universal-Füllkompositmaterial aufbauen und leicht über die Wände fortbilden (Abb. 5b).
  - i) Restaurieren Kompositmaterial aufbauen und leicht über die Wände fortbilden (Abb. 5c).
  - j) Immer die Okklusalfunktion der Restauration ausreichend Platz für die Kompositmaterialschicht best.
  - k) Plazierung der Kompositmaterialschicht (Abb. 5c).
- 5 Always cover occlusal area with a layer of light-cured universal restorative composite (Fig. 6).

- If the dispensing tip is plugged, remove it and extrude a small amount of material directly from the syringe.
- Minimise exposure to ambient light. Ambient light can cause premature curing and manipulation time.
- After use, immediately remove and dispose of the dispensing tip and tightly close the syringe with the cap.

#### Clinical Hint

In order to inject effectively, use the surface tension of the material to ensure uniformity across the entire surface of the restoration during build up. Once the material has been injected, release the pressure on the plunger and withdraw the syringe perpendicular to the surface. This will allow the material to separate from the dispensing tip and provides a smooth surface over the restoration.

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CUTION

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- In case of contact with eyes, flush immediately with water and seek medical attention.
- Take care to avoid ingestion of the material.
- Do not mix with other material by rubbing.
- Dispensing tips are for single use only. To prevent cross contamination between patients, do not reuse the dispensing tip. The dispensing tip cannot be sterilized in an autoclave or chemically.
- Wear plastic or rubber gloves during operation to avoid direct contact with air-biased resin layers in order to prevent possible sensitivity.
- When protective eye glasses during light curing.
- When polishing the polymerized material, use of dust collector and avoid contact with skin and/or clothing.
- Avoid getting material on clothing.
- In case of contact with unintended areas of tooth or cotton pellet before light curing.
- Do not use everX Flow in combination with eugenol containing materials as eugenol may hinder everX Flow from setting.
- Do not wipe the dispensing tip with excessive alcohol as this may cause contamination of the paste.
- Dispose of all waste according to local regulations.
- In case uses 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.
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As well as to our internal vigilance system, we have implemented healthcare-grade infection control product according to regional / national guidelines.

UK Responsible Person  
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United Kingdom

Last revised: 06/2026

**everX Flow™**  
COMPOSITE FLUIDO REINFORCÉ EN FIBRES COURTES POUR REMPLACEMENT DENTINAIRE

A utiliser uniquement par un professionnel dentaire et dans le respect du mode d'emploi.

#### MODE D'EMPLOI

everX Flow est un substitut dentinaire qui convient pour:

- Toutes les restaurations composites directes, y compris les larges cavités postérieures, les cavités profondes et les dents traitées en endodontie, les cavités des Höckers manquants ou après un retrait d'amalgam, ainsi que les cavités où les inlays et les onlays seraient également recommandés.
- Reconstitution de moignon.
- Remarque: Bien qu'everX Flow présente une résistance élevée et une grande résistance à la fracture, il doit toujours être recouvert au niveau occlusal d'une couche de composite de restauration universel photopolymérisable afin de garantir une résistance suffisante à l'usure.

#### CONTR-INDICATIONS

- 1 Direkte Pulpaüberkappung
- 2 Dieses Produkt darf nicht bei Patienten verwendet werden, die eine Allergie gegen Methacrylatmonomere oder Methacrylatpolymer aufweisen.
- 3 Ne pas utiliser comme couche occlusale finale. Toujours couvrir avec une couche de composite universel photopolymérisable.

#### DESCRIPTION DU PRODUIT

everX Flow est un matériau de restauration fluide, radio-opaque, photopolymérisable utilisé en bouche, classe Type 2 et Classe 2 (Groupe 1) selon la norme ISO 4049. Ce matériau est une radio-opacité équivalente à 2,0-2,5 mm d'aluminium (dentine = 1 mm, émail = 2 mm). La taille des particules des charges anorganiques est comprise entre 0,02 et 1,3 µm. La longueur moyenne des fibres est de 140 µm et leur diamètre de 6 µm. La quantité totale de charge anorganique est d'environ 52% vol.

#### COMPOSITION

Verre de baryum, diméthacrylate, fibre de verre, initiateur, pigment, dioxyde de silicium, stabilisateur

#### MODE D'EMPLOI

- 1 Préparation
  - a) Tenir la seringue à l'horizontale et retirer le capuchon en tournant dans le sens inverse des aiguilles d'une montre.
  - b) Placer rapidement et solidement l'embut sur la seringue en tournant dans le sens des aiguilles d'une montre.
  - c) Laisser le capuchon de protection contre la lumière en place jusqu'à utilisation.
  - d) Prendre garde de ne pas trop serrer l'embut de lumière. Cela pourrait endommager la tige. Afin d'assurer une étroite connexion, vérifiez-vous que les filetages s'engagent.
- 2 Farbauswahl
  - a) Wählen Sie zwischen den Wasser reinen. Wählen Sie die gewünschte Farbe everX Flow Bulk-Farbe oder Dentin-Farbe. Die Farbe 6 Lichtschutz für die entsprechende Farbe der Lichtführung der Farbe.
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- Dispose of all waste according to local regulations.
- In case uses 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.
- Personal protective equipment (PPE) such as gloves, face masks and safety eyewear should always be worn.

Some products referenced in the present I/P may be classified as hazardous according to GHS. Always familiarise yourself with the safety data sheets available at:

https://www.gc-dental/europe or for The Americas https://www.gc-dental/america

Products can also be obtained from your supplier.

#### CLEANING AND DISINFECTING

- Use everX Flow DELIVERY Syringe to avoid cross-contamination between patients. This device requires mid-level disinfection immediately after use in respect device and label for disinfection. Discard device if damaged.
- Do NOT IMMERGE. Thoroughly clean device to prevent drying and accumulation of contamination on the device.

As well as



