

everX Flow™

SHORT-FIBRE REINFORCED FLOWABLE COMPOSITE FOR DENTIN REPLACEMENT

For use only by a dental professional in the recommended indications.

INDICATIONS FOR USE

- everX Flow is a reinforcing dentin replacement material suitable for:
 1. All direct composite restorations including large posterior cavities, deep cavities and end-tooth teeth, cavities with missing cusps or after amalgam removal and cavities where inlays and onlays would also be recommended.
 2. Cavity build-up Note:

Although everX Flow features a high strength and fracture toughness, it should always be fully covered with a layer of light-cured universal restorative composite to ensure sufficient wear resistance.

CONTRAINDICATIONS

1. Direct pulp capping.
 2. Avoid use of the product in patients with known allergies to methacrylate or methacryloyl polymer.
 3. Do not use as an alternative or surface composite layer. Always cover with a layer of light-cured universal composite.

DIRECTIONS FOR USE

1. Preparations
 a) Hold the syringe upright and remove the cap by turning clockwise.
 b) Promote air removal by attaching the dispensing tip to the syringe by turning clockwise.
 c) Put on the light protective cap until use.

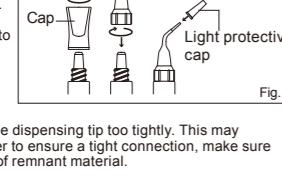
Note:
Take care not to attach the dispensing tip too tightly. This may damage the screw. In order to ensure a tight connection, make sure that the threads are free of remnant material.

Fig. 1

2. Shade Selection
 Clean the tooth with pumice and water. Select the appropriate shade of everX Flow: Bulk shade or Dentin shade. Refer to 6. Lighting for the recommended depth of cure.

Note:
Shade selection of the final composite layer should be made prior to 6. Shade Selection.

3. Cavity Preparation
 Prepare the cavity using standard techniques. Dry by gently blowing with air free. 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.

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

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

- a) Remove the light protective cap from the dispensing tip.
 Note:

Prior to extracting the material into the cavity, make sure to check the following:
 1) The dispensing tip is securely attached to the syringe.

- 2) Any possible air gap 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).

3) Place the dispensing tip as close as possible to the prepared cavity wall, without pushing the plunger to extrude material (Fig. 4). When placing everX Flow in the cavity, ensure that there is enough space for the overlaying composite on all surfaces of the restoration (refer 7. Placement of the overlaying composite).

Note – Class II and large cavities

- 1) Use a suitable matrix system to establish the proximal contour and position of the cavity.

2) Place the dispensing tip as close as possible to the prepared cavity wall, without pushing the plunger to extrude material (Fig. 4). When placing everX Flow in the cavity, ensure that there is enough space for the overlaying composite on all surfaces of the restoration (refer 7. Placement of the overlaying composite).

Note – Class II and large cavities

- 1) If the dispensing tip is plugged, remove it and extrude a small amount of material directly from the syringe.

2) Minimize exposure to ambient light. Ambient light can shorten the manipulation time.

3) 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 uniformly access the entire surface of the restoration during building up. Once the required amount has been injected, release the pressure on the plunger and withdraw the syringe in a direction perpendicular to the surface. This will allow the material to separate from the dispensing tip and provides a smooth surface over the restoration.

6. Lighting

Light-cure everX Flow using a light-curing unit. Keep the light guide as close as possible to the surface (Fig. 8). Refer to the following chart for Irradiation Time and Effective Depth of Cure.

Irradiation Time and Effective Depth of Cure

Irradiation time	10 sec. (High Power LED) (>1200 mW/cm ²)	20 sec. (Halogen/ LED) (>700 mW/cm ²)
Bulk shade	5.5 mm	2.0 mm

Note:
1) Only the Bulk shade can be placed using a bulk application. The Dentin shade should be placed and light-cured in layers as described in the above table.

2) Lower light intensity may cause insufficient curing or discoloration of the material.

7. Placement of the overlaying composite

Fill the remaining cavity space with a wear-resistant and polishable restorative composite, such as G-enial or Essentia. The composite layer should be a minimum of 1-2mm on the occlusal surface (Fig. 7).

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

Recommended for optimal performance, store in a cool and dark place (4-25°C / 39-27.7°F) away from high temperatures or direct sunlight.

PACKAGES

1. Spritze 3.7g (0.1ml) x1, DISPENSING TIP III Plastic x20, Light-protective cap x1

Dispensing tip refills

2. DISPENSING TIP III Plastic x30, Light-protective cap x2

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FIBERFORSTÆRKET FLYT PLAST TIL DENTINERSTATNING

Må kun bruges af dentale fagfolk i de anbefalte indikationsområder.

ANBEFALEDE INDIKATIONER

- everX Flow er en fiberførstærkt dentinersättning til dentinerstatning.
- Almindelige kavitter med indre posteriore kavitter, dybe kavitter, kavitter med manglende cuspides/vægge, efter fjernelse af amalgam og under onlays og onlays.
- Opbygning
- Rekonstruktion

Selvom everX styrke og resistens mod frakturen skal den altid dækkes af et lag over ysterdelen plast.

- Direkte pulparekapping
- Undgå brugen af produktet til patienter med kendt allergi overfor metahkrylat monomer eller metahkrylat polymer
- Må ikke bruges som afslutningsapproximal eller overflade komposit lag.

SKJERMINGSTIPS/PROCEDUREBESKRIVELSE

- Præparering
 - Højdeplast isoleret og fjernet ved at dreje imod uret.
 - Påsæt sprøjtespidsen på sprøjten ved at dreje med uret.
 - Det er vigtigt at hætte på inden sprøjten skal bruges igen.

Note:
Pas på ikke at skrue sprøjtespisen for fast. Det kan ødelægge sengangene. Hvis der i øste en tæst kontakt er det vigtigt, at sprøjten holderes i for overskydende materiale.

- Farvelag

Rengør tandem med pimpest og vand. Vælg passende farve af everX: Bulk eller Dentin farve: Ref ID: L6 yderst i henholdsvis guidelines.

Farven på det afsluttede emajole kompositlag bør vælges for isolering af arbejdsfeltet / koforramsanlæg.

- Kavittespræparation

Præparer kavitten efter standardprincipperne. Tørblæs med olefri luft. Det er vigtigt at have koforram for at undgå kontaminerings af den præparerede tand med saliv, blod eller pochervæske.

Bemærk: Ved overkapping af pulpa anvendes Calciumhydroxid.

- Bruksteknik

Brug et lyspolymeriserende bondingsystem som G-Premio BOND, G-anial Bond eller G-BOND (Abb. 2) for at bønde everX Flow til ærmer og gummier.

Denne teknik skal anvendes ved at bønde everX Flow - til alle overflader (Abb. 2) eller støtte kavitten.

- Fjernelse af everX Flow - se note for klasse II eller støtte kavitten.

Bemærk: Inden applikering i kavitten kontrolleres:

- Applikeringen sidder fast på sprøjten.
- Før du fjerner kavitten, træk sprøjten stempel forsigtigt ind, indtil materialet kommer ud af spidsen (Abb. 3).

På denne måde kan kavitten være så dybt som muligt.

- Placer applikeringstippen så dybt som muligt i kavitten og hold den fast ved hjælp af en rørstempel (Abb. 5a). Når du har kavitten skal du sikre at du har plads til overfladerne (Ref. 7). Dæk med plastmateriale.

BEMÆRK: Også du kan bruge everX Flow til at lave en kavitter.

- Farve

Til stoppelose, fjern spidsen og dale direkte fra sprøjten.

Minimer kontakt med omgivende lys. Lys kan forvirre arbejdstedet.

- Efter anvendelse fjernes sprøjtespisen og sprøjten passeret skrællet.

For optimalt anvendelse

For at kunne injicere effektivt, anvendes materialets overfladespendning under opbygningen for at opholde sig i ensartet på hele overfladen af fyldningen. Sa

snart den nedvendige mængde materiale er injiceret, tages trykket fra stempel og sprøjten fjernes umiddelbart med en rørstempel. Dette farer materialet til at separere fra sprøjtespisen og legge sig som en jævnen overflade på restaureringen.

6. Lyshårdning

Lyshårdning everX Flow via en hærdelampe. Hold hærdelampen tæt på materialet (Abb. 6). Der henvises til følgende sekvenser med hærdelamper og effektive hærdedyber.

Polymerisationsstid og effektiv dybde på hårdning

Hærdelse	10 sek. (High Power LED) (>1200 mW/cm²)
Bulk farve	5,5 mm
Dentin farve	2,0 mm

BEMÆRK:

- Kun Bulkfarve kan apliceres i tykke lag. Dentinfarven skal apliceres lagvis i hhv tovestende tabell.

2) Lav lysintensitet kan forlænge forskellig polymerisation af materialet, eller muligvis senere misføring af materialet.

7. Placing af den overliggende komposit

Hærdet Bulk farve og polarbar komposit, såsom G-anial eller Essentia. Kompositlaget skal være 1-2 mm tyk på okklusifaldet (Abb. 7). Lyspolymeriserer jmf. producentens anvisninger.

8. Finishing og Polering

Kontrollér og tilpass okklusionen. Finish og poler efter standard teknikker.

9. FAR

everX Flow finds I to farver: Bulk farve og Dentin farve.

OPBEVARING

For optimalt resultat skal opbevares koldt og markt (4-25°C/39,2-77,0°F), væk fra høje temperaturer og direkte sollys.

PÅKNINGER

1. Sprøjte 5,7 g (0,05 mL) x1, DISPENSING TIP III Plastik x20, lysbeskyttende hætte x1.

Dispensing tip refills:

2. DISPENSING TIP III Plastik x30, Lysbeskyttende hætte x2

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