

G-aenial Universal Flo

UNIVERSAL LIGHT-CURED RADIOPAQUE FLOWABLE COMPOSITE

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

RECOMMENDED INDICATIONS

1. Direct restorative for Class I, IV, III, II and V cavities.
2. Fissure sealant
3. Sealing hypersensitive areas
4. Repair of (in) direct aesthetic restorations, temporary crown & bridge, defects in margins when margins are in enamel
5. Blocking out undercuts
6. Liner or base

CONTRAINDICATIONS

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.

Operation

1. Preparations

- 1) Hold the syringe upright and remove the cap by turning counter-clockwise.
- 2) Promptly and securely attach the dispensing tip to the syringe by turning clockwise.
- 3) Place the light protective cover until use.

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

2. Shade Selection

Clean the tooth with pumice and water. Shade selection should be made prior to isolation.

Select the appropriate shade from 15 shades of A1, A2, A3, A3.5, A4, B1, B2, B3, C3, A02, A03, BW, CV, JE, AE, A, B, C shades are based on the Vita® classical shade guide.

*Vita® is a registered trademark of Vita Zahnfabrik, Bad Säckingen, Germany.

3. Cavity Preparation

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

Note:

For pulp capping, use calcium hydroxide.

4. Bonding treatment

For bonding G-aenial Universal Flo to enamel and/or dentine, use a light-curing bonding system such as GC G-aenial Bond, GC G-BOND, GC Fuji Bond LC, GC UniFil® Bond. Follow manufacturer's instructions.

5. Placement of G-aenial Universal Flo

- 1) Remove cover from the dispensing tip.

Note:
Prior to syringe material into the cavity, make sure to check the following.

1. Dispensing tip is securely attached to the syringe.

2. Any possible air from the dispensing tip is removed by gently pushing forward the syringe plunger with the tip pointing upwards until material reaches the opening of the tip (Fig. 2).

- 2) Place the dispensing tip as close as possible to the prepared cavity, and slowly push the plunger to syringe material. Alternatively, dispense material onto a mixing pad and transfer to the cavity using a suitable instrument.

- Note:
a. If plugged, remove the dispensing tip and extrude a small amount of material directly from the syringe.
b. Minimize exposure to ambient light. Ambient light can shorten the manipulation time.
c. After use, immediately remove and dispose 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 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. Light Curing

Light cure the G-aenial Universal Flo using a light curing unit. Keep light guide as close as possible to the surface. Refer to the following chart for Irradiation Time and Effective Depth of Cure.

Irradiation Time and Effective Depth of Cure (ISO 4049)	
Irradiation time	9 sec. (Plasma arc) (2000mW/cm²)
Shade	20 sec. (GC G-Light) (1200mW/cm²)
A1, A2, A3, B1, B2, JE, AE	2.0mm
A3.5, A4, B3, C3, BW, CV,	1.5mm
A02, A03	

Note:
1. Material should be placed and light cured in layers. For maximum layer thickness, please consult above table.

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

7. Finishing and Polishing

Finish and polish using standard techniques.

SHADES

A1, A2, A3, A3.5, A4, B1, B2, B3, C3, A02, A03, BW, CV, JE, AE

STORAGE

Store in a cool and dark place (4 - 25°C / 39.2 - 77.0°F) away from high temperatures or direct sunlight.

(Shelf life : 3 years from date of manufacture)

PACKAGES

1. Syringe 3.4g (2.0mL), 20 dispensing tips (plastic type),

1 light protective covers

Dispensing tip package:

20 dispensing tips (plastic type), 2 light protective covers

30 dispensing tips (needle type), 2 light protective covers

CAUTION

1. 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.

2. In case of contact with eyes, flush immediately with water and seek medical attention.

3. Take care to avoid ingestion of the material.

4. Do not mix with other similar products.

5. 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 chemilavate.

6. Wear plastic or rubber gloves during operation to avoid direct contact with air inhibited resin layers in order to prevent possible sensitivity.

7. Wear protective eye glasses during light curing.

8. When polishing the polymerized material, use a dust collector and wear a dust mask to avoid inhalation of cutting dust.

9. Avoid getting material on clothing.

10. In case of contact with unintended areas of tooth or prosthetic appliances, remove with instrument, sponge or cotton pellet before light curing.

11. Do not use G-aenial Universal Flo in combination with eugenol containing materials as eugenol may hinder G-aenial Universal Flo from setting.

12. Do not wipe the dispensing tip with excessive alcohol as this may cause contamination of the paste.

13. Dispose of all wastes according to local regulations.

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G-aenial Universal Flo

UNIVERSELLES LICHTHÄRTENDES RADIOPAKES FLIESSFÄHIGES KOMPOSIT

Nur von zahnmedizinischem Fachpersonal für die genannten Anwendungsbereiche zu verwenden.

- EMPFOHLENE INDIKATIONEN**
1. Direkte Füllungen für Klasse I, IV, III, II und V Kavitäten.
 2. Fissurenversiegelung
 3. Versiegelung hypersensitiver Bereiche
 4. Reparatur von (in)direkten ästhetischen Füllungen, temporäre Kronen und Brücken, Zahnhaldefekte, wenn der Zahnhals aus Schmelz besteht
 5. Ausbluten von Unterschiedenungen
 6. Unterfüllung oder Stumpfaufbau

In seltenen Fällen kann eine Sensibilisierung bei einigen Personen auftreten. In einem solchen Fall die Verwendung des Materials abbrechen und einen Arzt aufsuchen.

Gebrauchsanweisung

1. Vorbereitung
 - 1) Die Spritze aufrecht halten und die Kappe durch Drehen entgegen des Uhrzeigersinn entfernen.
 - 2) Die beigelegte Dispensingspitze durch Drehen im Uhrzeigersinn anbringen.
 - 3) Die Dispensingspitze durch die Lichtschutzhülle vor Lichteinfall schützen.

Anmerkung:
Den Dispensing Tip nicht zu fest anziehen, da sonst das Gewinde beschädigt werden kann. Um eine dichte Verbindung zu garantieren, vergewissern Sie sich, dass das Gewinde frei von Restmaterial ist.

2. Shadeselection

Reinigen Sie den Zahn mit Bimsstein und Wasser. Die Farbauswahl sollte vorrangig isoliert gemacht werden. Wählen Sie die passende Farbe aus den 15 Farben A1, A2, A3, A3.5, A4, B1, B2, B3, C3, A02, A03, BW, CV, JE, AE.

A, B, C Farben entsprechen den klassischen Vita® Farben.

*Vita® ist ein registriertes Warenzeichen der Vita Zahnfabrik, Bad Säckingen, Deutschland.

3. Cavity Preparation

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

Note:

For pulp capping, use calcium hydroxide.

4. Bonding treatment

For bonding G-aenial Universal Flo to enamel and/or dentine, use a light-curing bonding system such as GC G-aenial Bond, GC G-BOND, GC Fuji Bond LC, GC UniFil® Bond. Follow manufacturer's instructions.

5. Placement of G-aenial Universal Flo

- 1) Remove cover from the dispensing tip.

Note:
Prior to syringe material into the cavity, make sure to check the following.

1. Dispensing tip is securely attached to the syringe.

- 2) Place the dispensing tip as close as possible to the prepared cavity, and slowly push the plunger to syringe material. Alternatively, dispense material onto a mixing pad and transfer to the cavity using a suitable instrument.

- Note:
a. If plugged, remove the dispensing tip and extrude a small amount of material directly from the syringe.
b. Minimize exposure to ambient light. Ambient light can shorten the manipulation time.
c. After use, immediately remove and dispose 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 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. Light Curing

Light cure the G-aenial Universal Flo using a light curing unit. Keep light guide as close as possible to the surface. Refer to the following chart for Irradiation Time and Effective Depth of Cure.

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A02, A03	

Note:
1. Material should be placed and light cured in layers. For maximum layer thickness, please consult above table.

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

7. Finishing and Polishing

Finish and polish using standard techniques.

SHADES

A1, A2, A3, A3.5, A4, B1, B2, B3, C3, A02, A03, BW, CV, JE, AE

STORAGE

Store in a cool and dark place (4 - 25°C / 39.2 - 77.0°F) away from high temperatures or direct sunlight.

(Shelf life : 3 years from date of manufacture)

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1. Syringe 3.4g (2.0mL), 20 dispensing tips (plastic type),

1 light protective covers

Dispensing tip package:

20 dispensing tips (plastic type), 2 light protective covers

30 dispensing tips (needle type), 2 light protective covers

4. CAUTION

1. Bei Kontakt mit oralen Geweben oder Haut das Material bitte sofort mit einem Wattebausch oder einem in Alkohol getränkten Tupfer entfernen.

Danach mit Wasser gründlich abspülen. Um Kontakt zu vermeiden, kann Kofferdamm und/oder Cocoa Butter zur Isolierung des in Operationsbereich liegenden Haut- oder Mundgewebes benutzt werden.

2. Bei Augenkontakt sofort gründlich mit Wasser ausspülen und einen Arzt aufsuchen.

3. Auf keinen Fall sollte das Material verschluckt werden.

4. Nicht mit anderen ähnlichen Produkten mischen.

5. Die Dispensingspitzen sind zum einmaligen Gebrauch, um die gegenseitige Kontamination unter den

G-ænial Universal Flo

UNIVERSEEL LICHTHARDEND RADIOPAAK VLOEIABAAR COMPOSIT

Alleen te gebruiken in de vermelde toepassing door tandheelkundig gekwificeerde.

VERMELDE TOEPASSINGEN

- Direct restauratiemateriaal voor caviteiten van klasse I, IV, III, II en V.
- Afdichten van fissuren
- Beschermen overgevoelige plekken
- Reparatie van (in)directe esthetische restauraties, tijdelijke kronen en bruggen, defecte randen wanneer de randen in het glazuur liggen
- Wegwerken van ondersnijdingen
- Liner of basis

CONTRA-INDICATIES

Bij sommige personen kan een overgevoelheid voor het product niet worden uitgesloten. Mochten zich allergische reacties voordoen, dan moet de toepassing in die gevallen worden stopgezet en een arts worden geconsulteerd.

Werking

1. Voorbereiding

1) Houd de spuit rechtop en verwijder de vleugeldop door linksom te draaien.

2) Bevestig de doseertip nauwkeurig en stevig op de spuit door rechtsom te draaien.

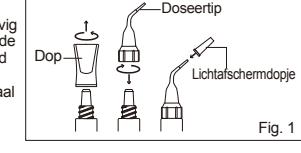


Fig. 1

3) Plaats het lichtafschermendopje erop tot gebruik.

Opmerking:

Let op dat u de beschermkap niet te stevig aandraagt. Hierdoor kan de schroefdraad beschadigd raken.

Zorg dat er geen materiaal op de schroefdraad achter blijft om te waarborgen dat de dop stevig op de spuit blijft zitten.

2. Kleurkeuze

Reinig de tanden met puimsteen en water. De kleur moet gekozen worden voor de isolatie. Kies de juiste kleur uit de 15 kleuren van A1, A2, A3, A5, A4, B1, B2, B3, C3, A02, A03, BW, CV, JE, AE.

De kleuren A, B en C zijn gebaseerd op de Vita® Classical kleurenring.

*Vita® is een geregistreerd handelsmerk van VITA Zahnfabrik, Bad Säckingen, Duitsland.

3. Restauratie van caviteiten

Bereid de caviteit voor met een standaardtechniek. Blaas voorzichtig droog met olievrij lucht. Cofferdam wordt aanbevolen om de gerepareerde tand te isoleren en zo tegen verontreiniging door speeksel, bloed en sulcusvocht te beschermen.

Opmerking:

Gebruik calciumhydroxide voor een pulpaarverkapping.

4. Bonding behandeling

Gebruik een lichthardend bondingsysteem zoals GC G-ænial Bond, GC G-BOND, GC Fuji Bond LC of GC UniFil® Bond om G-ænial Universal Flo aan glazuur en/of dentine te hechten. *Volg de instructies van de fabrikant.

5. Aanbrengen van G-ænial Universal Flo

1) Verwijder de beschermkap van de doseertip.

Opmerking:

Controleer onderstaande punten voordat u materiaal in de caviteit spoelt.

1. Doseertip is stevig op de spuit bevestigd.

2. Eventuele lucht die nog in de doseertip kan zitten, wordt verwijderd door de zuiger van de spuit zachtjes voorwaarts te duwen met de tip omhoog totdat het materiaal de opening van de tip bereikt (Fig. 2).

2) Plaats de doseertip zo dicht mogelijk bij de gerepareerde caviteit en duw de zuiger langzaam naar het materiaal in de spuit. Een andere mogelijkheid is om het materiaal op een mengblok te doen en het met een geschrifte instrument in de caviteit aan te brengen.

Opmerking:

a. Als de spuit verstopt zit, verwijder dan de doseertip en knijp een kleine hoeveelheid materiaal uit te spoelen.

b. Beperk blootstelling aan omgevingslicht tot een minimum.

c. Verwijder de doseertip onmiddellijk na gebruik en gooi hem weg.

Bevestig de vleugeldop stevig op de spuit.

Klinische tip

Gebruik een oppervlaktespanning van het materiaal om doeltreffend te injecteren en de uniformiteit van het volledige restauratieoppervlak tijdens het vullen te waarborgen. Zodra de vereiste hoeveelheid geïnjecteerd is, haalt u de druk van de zuiger en trekt u de spuit terug, tenzij u de spuit loodrecht ten opzichte van het oppervlak houdt. Hierdoor komt het materiaal los van de doseertip en krijgt de restauratie een glad oppervlak.

6. Lichtharding

Belicht G-ænial Universal Flo met een composietlamp. Houd de lichtgeleidingsstaaf zo dicht mogelijk bij het oppervlak. Raadpleeg onderstaande tabel voor de belichtingstijd en effectieve uithardingsdiepte.

Belichtingstijd en effectieve uithardingsdiepte (ISO 4049)

Belichtingstijd	9 sec. (Plasmabogen) (2000mW/cm²)
Kleur	10 sec. (GC G-Light) (1200mW/cm²)
A1, A2, A3, B1, B2, JE, AE	2,0mm
A3, A4, B3, C3, BW, CV, AO2, AO3	1,5mm

Opmerking:

1. Het materiaal moet inlagen aangebracht en belicht worden. Raadpleeg bovenstaande tabel voor de maximale laagdikte.

2. Een lagere lichtintensiteit kan onvoldoende uitharding of verkleuring van het materiaal tot gevolg hebben.

7. Afwerken en polijsten

Werk af en polijst met standaardtechnieken.

KLEUREN

A1, A2, A3, A5, A4, B1, B2, B3, C3, AO2, AO3, BW, CV, JE, AE

OPSLAG

Bewaar op een koele, donkere plaats (4 - 25 °C).

(Houdbaarheid: tot 3 jaar na de productiedatum)

VERPAKKINGEN

1. Spuit 3,4 g (2,0 ml), 20 doseertips (plastic), 1 lichtafschermendopje

Doseertipverpakking:

2. 30 doseertips (plastic), 2 lichtafschermendopjes

3. 30 doseertips (naald), 2 lichtafschermendopjes

LET OP

1. In geval van contact met het mondweefsel of de huid, onmiddellijk verwijderen met een wattenpropje of sponsie gedekt in alcohol. Spoelen met water. Om contact te voorkomen, kan cofferdam en/of cacaoboter gebruikt worden om het werkgebied te isoleren van de huid of het mondweefsel.

2. In geval van contact met de ogen, onmiddellijk spoelen met water en medisch advies inwinnen.

3. Voorkom inslikken van het materiaal.

4. Niet mengen met andere vergelijkbare producten.

5. De doseertips zijn uitsluitend bestemd voor eenmalig gebruik. Gebruik een doseertip slechts eenmaal om kruisbesmetting tussen patiënten te voorkomen. Doseertips kunnen niet chemisch of in een autoclaaf gesteriliseerd worden.

6. Draag kunststof- of rubberhandschoenen tijdens de werkzaamheden om direct contact met kunststoffinhoudstellingen te vermijden en zo mogelijke overgevoeligheden te voorkomen.

7. Draag een oogbescherming tijdens het belichten.

8. Gebruik een stofafzuiging tijdens het belichten.

9. Mors geen materiaal op uw kleding.

10. In geval van ongewild contact met andere gebitsdelen of prothetische voorzieningen, verwijder met een instrument, sponsie of wattenpropje voor lichtharding.

11. Gebruik G-ænial Universal Flo niet in combinatie met materialen die eugenol bevatten, omdat eugenol de uitharding van G-ænial Universal Flo nadelig kan beïnvloeden.

12. Veeg de doseertip niet schoon met een grote hoeveelheid alcohol, omdat dit de pasta kan verontreinigen.

13. Voer al het afval af conform de plaatselijke voorschriften.

Laatste herziening: 02/2012

G-ænial Universal Flo

UNIVERSAL lyshærende flydende radiopaqued komposit

Udelukkende til benyttelse af tandlæger i beskrivne indikationer.

ANBEFALEDE INDIKATIONER

- Direkte fyldninger for Klasse I, IV, III, II og V kaviteter.
- Fissur forsealing.
- Behandling af hypersensitivitets områder.
- Reparation af direkte estetiske restauratiorer, temporære kroner & broer, defekt emalje ved fyldningsgrænsen.
- Fyldning ved underskær
- Liner eller base

KONTRAINDIKATION

I sjældne tilfælde kan en sensibilisering fra produktet opstå. Såfremt der opstår allergisk reaktion, skal brugen af produktet undstilles og patienten henvises til egen læge.

BRUGSANVISNING

1. Voorbereiden

- Hold spruiten lodret og fjern skruenhætten ved at dreje imod uret.
- Påsæt sprøjtespidsen på sprøten ved at dreje med uret.
- Monter sprøjtespidsen indtil sprøten skal anvendes.

Note :

- Pas ikke til sætte appliceringskanlen for fast. Dette kan ødelægge skruengangen.
- For at sikre en tæt kontakt er det vigtigt at sprøten holdes fast fra overskydende materiale.

2. Farve valg

Rengør tanden med pimpest og vand. Farvelag vil finde sted inden afspudsning. Vælg den rette farve fra 15 nuancer af A1, A2, A3, A5, A4, B1, B2, B3, C3, A02, A03, BW, CV, JE, AE.

A, B, C farverne er baseret på Vita® klassiske farve skala.

*Vita® er et registreret varemærke fra VITA Zahnfabrik, Bad Säckingen, Tyskland.

3. Præparation af kaviteten

Præparer med anvendelse af standard teknik. Torlaag ved at blæse forsigtigt med oliefri luft. Kofferdam anbefales for at isolerer den præpareret tand fra kontaminerings med spyt, blod eller sulcus væske.

Note :

- ved pulpa overkapping anvendes kalciumhydroxid.

4. Bonding behandling

For bonding af G-ænial Universal Flo til tandstrukturen, anvendes et lyshærende bondingsystem, eksempelvis GC G-ænial Bond, GC G-BOND, GC Fuji Bond, GC UniFil® Bond. Følg venligst producentens brugsanvisning.

5. Aplicering af G-ænial Universal Flo

- Fjern hætten fra sprøten.

Note :

- For materialet at appliceres, sørge for at tjekke følgende.

1. Appliceringskanlen sidder fast på sprøten.

2. For at fjerne luft fra sprøten, trykkes sprøtens stempel forsigtigt ind, indtil materialet kommer ud af sprøden (Fig. 2).

2) Placer sprøjtespidsen så tæt på kaviteten som muligt, og langsomt ind for injicerer materialet.

Alternativt, tryk materialet ud på en blandeblok og overfør det derefter til kaviteten med et passende instrument.

Note :

- A. Ved stoppelse, fjern spidsen og doser direkte fra sprøten.

B. Minimer kontakten med omgivende lys. Lys kan forstørre arbejdsted.

C. Efter anvendelse fjernes sprøjtespidsen og sprøten påsættes skruelag.

Optimal applicing

For at kunne injicere effektivt, anvendes materialets overfladespænding under opbygningen for at oprettholde en ensartet på hele overfladen af fyldningen. Så snart den nødvendige mængde materiale er injiceres, tages trykket fra stempel og sprøten fjernes ved at slappe sig som en jævn overflade på restauratoren.

6. Lyshærdning

Lyshærd G-ænial Universal Flo via en hærdelampe. Hold hærdelampen tæt på materialet. Den henvises til følgende skema med hærdetider og effektive hærdedyber.

Polymerisationstid og effektiv dybde på hærdning (ISO 4049)

Hærdetid	9 sek. (Plasma lamp) (2000mW/cm²)
Farve	10 sek. (GC G-Light) (1200mW/cm²)
A1, A2, A3, B1, B2, JE, AE	2,0mm
A3, A4, B3, C3, BW, CV, AO2, AO3	1,5mm

Note :

1. Materialelet bør placeres og lyshærdes i lag. For maksim tal, se tabellen ovenfor.

2. lav lys intensitet kan forårsage forskellig polymerisation af materialet, eller muligvis senere misfarvning af materialet.

7. Finishing og Puts

Finisheser og putsa i enghed med standard teknik.

FÄRGER

A1, A2, A3, A5, A4,

G-aenial Universal Flo

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

RECOMMENDED INDICATIONS

1. Direct restorations for Class I, IV, III, II and V cavities.
2. Repairing margins.
3. Sealing hypersensitive areas.
4. Repair of (in) direct aesthetic restorations, temporary crown & bridge, defect margins when margins are in enamel
5. Blocking out undercutts
6. Liner or base

CONTRAINDICATIONS
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.

Operation

1. Preparation
- 1) Hold the syringe upright and remove the cap by turning counter-clockwise.
- 2) Promptly and securely attach the dispensing tip to the syringe by turning clockwise.
- 3) Place the light protective cover until use.

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

2. Shape Selection
Clean the tooth with pumice and water. Shape the tooth should be made prior to selection. Select the shade shape from 15 shades of A1, A2, A3, A5, A4, B1, B2, B3, C3, A02, A03, BW, CV, JE, AE, B, C shades are based on the Vitra® classical shade guide.

3. Cavity Preparation
Prepare the cavity using standard techniques. Dry by gently blowing with oil air. Rubber dam is recommended to isolate prepared tooth from contamination with saliva, blood or sputum fluid.

Note :
For pulp capping use calcium hydroxide.

4. Bonding Agent

For bonding G-aenial Universal Flo to enamel and/or dentine, use a light-cured bonding system such as GC G-aenial Bond, GC G-BOND, GC Fuji Bond LC, GC UniFil® Bond. Follow manufacturer's instructions.

5. Placement of G-aenial Universal Flo

Remove cover from the dispensing tip.

Note:

Prior to syringe material into the cavity, make sure to check the following.

1. Dispensing tip is securely attached to the syringe.

2. Any possible air from the dispensing tip is removed by gently pushing forward the syringe plunger with the tip pointing upwards until no material reaches the opening of the tip (Fig. 2).

2. Place the dispensing tip as close as possible to the tooth surface. Push the dispensing tip as close as possible to the tooth surface. Push the dispensing tip to syringe material. Alternatively, dispense material onto a mixing pad and transfer to the cavity using a suitable instrument.

Note:
If plugged, remove the dispensing tip and extrude a small amount of material directly from the syringe.

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

c. After use, immediately remove and dispose 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 restore 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. Light Curing
Light cure the G-aenial Universal Flo using a light curing unit. Keep light guide as close as possible to the surface. Refer to the following chart for Irradiation Time and Effective Depth of Cure.

Irradiation Time and Effective Depth of Cure

Irradiation time 9 sec. (Plasma) (2000mW/cm²)

10 sec. (GC G-Light) (1200mW/cm²)

20 sec. (Halogen/LED) (700 mW/cm²)

Shade A1-A9, A10-A15, A4, B1, B2, B3, C3, JE, AE, BW, CV

A02, A03

Note :
1. Material should be placed and light cured in layers. For maximum layer thickness, please consult above table.

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

3. Finishing and Polishing

Finish and polish using standard techniques.

SHADES

A1, A2, A3, A5, A4, B1, B2, B3, C3, A02, A03, BW, CV, JE, AE

STORAGE

Store in a cool and dark place (4 - 25 °C / 39.2 - 77.0°F) away from high temperatures or direct sunlight.

(Shelf life : 3 years from date of manufacture)

PACKAGES

1. Syringe 3.4g (2.0ml), 20 dispensing tips (plastic type), 1 light protective covers

Dispensing tip package:

2. 30 dispensing tips (plastic type), 2 light protective covers

3. 30 dispensing tips (needle type), 2 light protective covers

CAUTION

1. 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 glove or a dental rubber Butler can be used to isolate the operation field from the skin or oral tissue.

2. In case of contact with eyes, flush immediately with water and seek medical attention.

3. Take care to avoid ingestion of the material.

4. Do not use other similar products.

5. 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 oven/ceramic.

6. Use plastic or rubber gloves during operation to avoid direct contact with the skin or oral tissue. This is possible sensitivity.

7. Wear protective glasses during light curing.

8. When polishing the polymerized material, use a dust collector and wear a dust mask to avoid inhalation of cutting debris.

9. Avoid getting material on clothing.

10. In case of contact with teeth or implants, remove immediately with cotton or a sponge soaked in alcohol. Flush with water. To avoid contact, a rubber glove or a dental rubber Butler can be used to isolate the operation field from the skin or oral tissue.

11. Do not use G-aenial Universal Flo in combination with eugenol containing materials as they may hinder G-aenial Universal Flo from setting.

12. Do not wipe the dispensing tip with excessive alcohol as this may cause contamination of the paste.

13. Dispose of all wastes according to local regulations.

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G-aenial Universal Flo

УНИВЕРСАЛЕН ФОТО-ПОЛИМЕРИЗИРАЩ РЕНТЕНОКОНПРЕСТЕН КОМПОЗИТ

TEČENI КОМПОЗИТ

Za upotrebu samo od dentista specijalisti za препрочине и индикације.

ПРЕПОРУЧЕНИ ИНДИКАЦИЈЕ

1. Директни висоноски на кавитији Клас I, IV, III, II и V.
2. Сигнализација на фисури.
3. Запечатување на сръбчестите области.
4. Поправка на (ин) директни естетички възстановявания, временни корони и мостове, дефекти на ръбове, когато границите са в емайл.
5. Блокирање на уникатни.
6. Линер или база

KONTRAINDIKACIJA

В редки случаи, продуктът може да причини съръбчестост у някои хора. При такива реакции, прекратете употребата на продукта и попълнете лекарска помош.

ПРЕЦИВИДНОСТИ

В редки случаи продуктът може да извади ощущение на съръбчестост у някои хора. При такива реакции, прекратете употребата на продукта и попълнете лекарска помош.

ПРАВИЛНА УПОТРЕБА

1. Подготовка

1) Дръжте пръпчика изправено и отстранете капачката чрез завъртане на часовниковата стрелка.

2) Бързо и надеждно прикрепете дозираща нарачник върху пръпчика.

3) Поставете нарачника след употреба.

4) Поместете нарачника върху пръпчика.

5) Заделете:

Внимавайте да не затегнете дозираща нарачник върху пръпчика.

6) Премахнете нарачника.

7) Поместете нарачника върху пръпчика.

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G-ænial Universal Flo

UNIVERZÁLNÝ SVETLOVNO-POLIMERIZUJACÍ RADIOPAČNÍ TEKOČI KOMPOZIT

Úrennyh výhradne na použitie v stomatologickej praxi v odporných indikáciach.

ODPORUČANÉ INDIKÁCIE
 1. Prvotné výplne kaviat I., II., III., IV. a V. triedy.
 2. Pečateľské fúzovanie.
 3. Pečateľstvo hyperesenzívnych oblastí.
 4. Restaurácia (ne)estetických estetických výplní, provizórnych korunkiek a iných zložkách zložky, ak sú okraj v sklovine
 5. Výroby podložiek a masiek.
 6. Liner alebo bázové.

KONTRAINDIKÁCIE
 V jednotlivých prípadoch môže výrobok využiť u niektorých osôb precitlivosť. V prípade tiejto reakcie preneste používanie výrobku a obráťte sa na lekára.

PRAVÝCH POSTUP
 1. Príprava: Kaviat výplňte do hmoty až na hranicu.

1) Striekačku držte vzpriamene hromom nahor a otáčaním proti smeru hodinových ručičiek z nej zložte kryt.

2) Otáčaním v smere hodinových ručičiek s striekačkou rýchlo a pevne

pripevňte dávkovač hrot.

Poznámka: Dajte pozor, aby ste dávkovač hrot nepripravoval príliš.

Môžete ho vložiť do poškodenia závitu.

Príslušné prípravy:

skontrolujte, či je na závite
neobsadený materiál.

Výčisticí Zub zavesený vodou. Vyber odľahčená treba uboriť ešte pred izoláciou. Vhodný odber výplň s 15 odľahčením A1, A2, A3, A5, A4, B1, B2, C3, A2, A3, B1, B2, C3, A2, A3, B1, B2, C3, A2, B1, C1, JE, AE.

Odteenie A, B, C vychádzajú z klasického vyzorkovača Vit®.

Vložte do dátoraču zložky a vložte do dátoraču zložky.

3. Preparácia kavítov:

Kavítu pripravte bežným spôsobom. Vysušte miernym prúdom vzduchom,

alež priezivky kontamináciu slnami, krovu alebo sušiluľom nekontum.

Poznámka: Na prekrytie pôly vložte použitý hrobový väčený.

4. Bondovanie:

Na bondovanie G-ænial Universal Flo na sklovinu alebo dentin použiť

svetlom tuhmi bondovací systém, GC G-ænial Bond, GC G-BOND,

GC Fuji Bond LC, GC UniFil® Bond. Doprávajte pokrytie výrobkom.

5. Endo závit k dátoraču Universal Flo:

1) Zložte kryt z dátoračového hrotu.

Poznámka: Skôr ako začnete nášanat' materiál zo striekáčky do kaviat, uistite sa, že dátorač hrot musí byť bezpečne pripevnený k striekáčke.

2) Z dátoračového hrotu vypustite všetok vzduch tak, že striekáčka dotvrdí hromom nahor a priesom pomaly zatlačte dovnitria, kým sa nenechne výplň.

3) Dávkovač hrot pridržíte zo najlepšej ku kaviat a pomaly tlakom na ňu vysušte materiál. Materiál môže tiež nadávkovať na miešacu podložku a vhodným násnoriem preniesť do kaviat.

Poznámka: Ak je dátorač hrot upúchnutý, zložte ho a vytiahnite malé množstvo materiálu priamo zo striekáčky.

4. Nevystrývajte príliš dľho okoločnu svetlu. Okolit svetlo môže skrátiť čas manipulácie.

5. Dávkovač hrot ihneď po použití zložte a vynorte, a striekáčku pevne uzavrite krytom.

6. Klínkové pokyny:

Pre účinné využenie materiálu vypočite jeho povrchové napätie, aby sa jeho povrchové výplň vysušne rovnako na pleť a v zloženej smerne.

Po vysušení potrebného množstva prestaňte tisíci na pleť a v zloženej smerne striekáčku odhláňte od povrchu. Materiál sa tak oddeli od hrotu a povrch výplne bude hladký.

7. Odteenie:

Dokončenie a vyleštětie.

8. Bondovanie:

Na vydelenie G-ænial Universal Flo použiť polymerizačnú jednotku.

Svetlovo držte zo najlepšej z povrchu.

9. Čas osvetlenia a účinná hĺbka polymerizácie sú uvedené v tabuľke.

10. Čas presvetlenia:

Na vydelenie G-ænial Universal Flo použiť polymerizačnú jednotku.

Svetlovo držte zo najlepšej z povrchu.

11. Čas osvetlenia:

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