

G-aenial® LIGHT-CURED RADIOPAQUE COMPOSITE RESTORATIVE

For use only by a dental professional in the recommended indications.
RECOMMENDED INDICATIONS
A.G-aenial ANTERIOR
1. Direct restorative for Class III, IV, V cavities.

B.G-aenial POSTERIOR
1. Direct restorative for Class I and II cavities.
CONTRAINDICATIONS
1. Pulp capping.

DIRECTIONS FOR USE
1. Shade Selection
Clean the tooth with pumice and water. Shade selection should be made prior to isolation. Select the appropriate G-aenial shades by referring to the G-aenial shade guide.

2. Cavity Preparation
Prepare cavity using standard techniques. Dry by gentle blowing with oil free air.
Note:
For pulp capping, use calcium hydroxide.

3. Bonding Treatment
For bonding G-aenial to enamel and/or dentin, use a light-cured bonding system such as G-aenial® Bond, G-Premio BOND, G-BOND®, GC Fuji Bond LC or UniFil Bond (Fig. 1).

4. Placement of G-aenial
1) Dispensing from a Unitip
Insert the G-aenial Unitip into the Unitip APPLIER and extrude material directly into the prepared cavity. Use steady pressure (Fig. 2). Maintain pressure on the applicator handle while removing the Unitip APPLIER and Unitip from the mouth. This prevents G-aenial from coming loose from the applicator.

2) Dispensing from a syringe
Remove syringe cap and dispense material onto a mixing pad. Place the material into the cavity using a suitable placement instrument. After dispensing, slowly withdraw the syringe plunger to pull the material to release residual pressure inside the syringe. Replace cap immediately after use.

Note:
1. Basically, material can be applied in a single layer to achieve aesthetic restorations using Standard shades. For details, refer to the Clinical Hints.
2. Material may be hard to extrude immediately after removing from the syringe. Prior to use, leave to stand for a few minutes at normal room temperature.

3. After dispensing, avoid too long exposure to ambient light. Ambient light can shorten the manipulation time.

Clinical Hints
1. Anterior cavities
a. In the case of small cavities
Restore using a one shade layering technique. In most cases the use of one Standard shade alone will be sufficient. In cases where a higher translucency is needed, one of the Outside special shades can be selected. See also Examples of Clinical Applications.

b. In the case of large cavities
In most cases a multi shade layering technique will give the best aesthetic results. To avoid outshine throughs from the tooth to mask discoloured dentin, select an appropriate Inside special shade and continue to build up with a Standard shade.

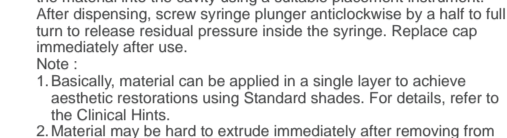
To make a restoration more life like e.g. to copy age related changes like gingivitis, the final finishing should be carried out by a special shade. See also Examples of Clinical Applications and/or consult the Shade Combination Chart.

2. Posterior cavities
a. In the case of small cavities
Restore using a one shade layering technique. In most cases the use of one Standard shade alone will be sufficient. In cases where a higher translucency is needed, one of the Outside special shades can be selected. See also Examples of Clinical Applications.

b. In the case of deep cavities
Place a flowable composite such as G-aenial® Flo X, GRADIA® DIRECT Flo or GRADIA® DIRECT LoFlo® on the cavity floor. Then place a Standard shade. For optimal results use an Outside special shade as the final composite layer. See also Examples of clinical applications.

\*GC Fuji LINING® PASTE PAK, GC Fuji LINING® LC or GC Fuji® IX GP can also be used as a liner or base material. Follow the respective manufacturer's instructions for use.

Examples of Clinical Applications (Clinical Hint No. 1, 2)



Shade combination chart for multiple layers in large cavities of anterior teeth (1-4)

5. Contouring before Light Curing
Contour using standard techniques.
Light Curing
Light cure G-aenial using a light curing unit (Fig. 3). Keep light curing as close as possible to the surface. Refer to the following table for irradiation Time and Effective Depth of Cure.

G-aenial ANTERIOR: Irradiation Time and Effective Depth of Cure

Table with columns for Irradiation time, Plasma arc (2000mW/cm²), GC G-Light (1200mW/cm²), and Halogen / LED (700mW/cm²) for different shade depths.

G-aenial POSTERIOR: Irradiation Time and Effective Depth of Cure

Table with columns for Irradiation time, Plasma arc (2000mW/cm²), GC G-Light (1200mW/cm²), and Halogen / LED (700mW/cm²) for different shade depths.

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
G-aenial ANTERIOR - 3 years from date of manufacture
G-aenial POSTERIOR - 3 years from date of manufacture

PACKAGES
I. Syringes
1. Quick Start Kit
- 7 syringes (1 each in 7 anterior shades: A1, A2, A3, B2, AE, IE, JE) (2.7mL per syringe)
- Shade guide

2. REFILL
- 1 syringe (in 28 shades) (2.7mL per syringe)
Weight per syringe: 4.7g for anterior syringe, 4.0g for TE shade, 5.5g for posterior syringe

II. Unitips
1. Quick Start Kit (35 Unitips in 7 shades)
- 35 tips (5 tips each in 7 anterior shades: A1, A2, A3, B2, AE, IE, JE) (0.16mL per tip)
- Shade guide

2. REFILL
a. Pack of 20 tips (each in 14 shades) (0.16mL per tip) (8 anterior shades - A1, A2, A3, A3.5, A03, CV, IE, AE) (6 posterior shades - P-A1, P-A2, P-A3, P-A3.5, P-JE, P-IE)
b. Pack of 10 tips (each in 14 shades) (0.16mL per tip) (14 anterior shades - XBW, BW, AA, B1, B2, B3, C3, A02, A04, CVD, TE, JE, SE, CVE)

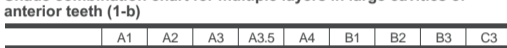
Weight per Unitip: 0.28g for anterior tip, 0.24g for TE shade, 0.33g for posterior tip

III. Optional
1. Unitip APPLIER II
2. G-aenial SHADE GUIDE
3. Mixing pad (No. 14B)

CAUTION
1. In case of contact with oral tissue or skin, remove immediately with cotton or a sponge soaked in alcohol. Flush with water.
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. Wear plastic or rubber gloves during operation to avoid direct contact with enamel inhibited resin layers in order to prevent possible sensitivity.
5. For infection control reasons, Unitips are for single use only.
6. Wear protective eye glasses during light curing.
7. When polishing the polymerised material, use a dust collector and wear a dust mask to avoid inhalation of cutting dust.
8. Do not mix with other similar products.
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 in combination with eugenol containing materials as eugenol may hinder G-aenial from setting.
12. All shades except for the outside special shade TE are radiopaque.

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.gcorpoe.com/download
They can also be obtained from your supplier.

Last revised : 08/2015



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G-aenial® LICHTHÄRTENDES RÖNTGENSICHTBARES KOMPOSIT FÜR RESTAURATIONEN

Zur Verwendung nur durch einen Zahnmediziner und -innen für die empfohlenen Indikationen.
EMPFÖHLENE INDIKATIONEN
A. G-aenial ANTERIOR
1. Direkte Restaurationen von Kavitäten der Klassen III, IV und V.

B. G-aenial POSTERIOR
1. Direkte Restaurationen von Kavitäten der Klassen I und II.
KONTRAINDIKATIONEN
1. Nicht zum Abdecken der Pulpa geeignet!
2. In seltenen Fällen kann eine Sensibilisierung bei einigen Personen auftreten. In einem solchen Fall, die Verwendung des Materials abbrechen und einen Arzt aufsuchen.

VERARBEITUNG
1. Farbwahl
Reinigen des Zahns mit geeignetem Mittel und Wasser. Die Farbauswahl sollte vor dem Isolieren des Zahns erfolgen. Mit dem G-aenial® Shade Guide Kit die passende G-aenial® - Farbe auswählen.
2. Vorbereitung der Kavität
Die Kavität wie gewohnt vorbereiten. Danach mit ölfreier Luft trocknen.
Anm.:
Vor dem Abdecken der Pulpa ein geeignetes Kalzium-Hydroxid-Präparat verwenden.

3. Bonding
Für die Haftvermittlung zwischen G-aenial und dem Dentin / Zahnhartgewebe sollten Einweghandschuhe, Haftvermittlungssystem wie G-aenial® Bond, G-Premio BOND, G-BOND®, GC Fuji Bond LC oder UniFil Bond (Abb. 1) verwenden – dabei die jeweilige Herstelleranweisung beachten.
4. Aufbringen von G-aenial
1) Benutzung von G-aenial in einem Unitip
Den G-aenial Unitip in den Unitip APPLIER einsetzen. Danach die Schutzkappe entfernen und das Material gleichmäßig in die Kavität einbringen (Abb. 2).
2) Benutzung von G-aenial in einem Spritzenform
Die Kappe der Spritze entfernen und Material auf einen Arbeitsbereich des Zahns auftragen. Wenn eine stärkere Transparenz erforderlich sein sollte, kann zusätzlich eine Outside - Spezialfarbe verwendet werden. S.a. die Beispiele bei "Klinische Anwendung".

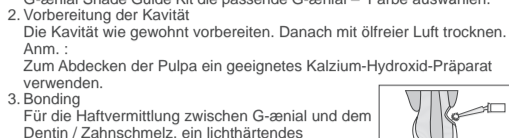
3. Vor der Benutzung durch eine tropfende Leuchte ausstrahlen lassen.
4. Nach dem Auspressen sollte das Material nicht zu lange dem Umgebungslicht ausgesetzt werden, da sich hierdurch die Verarbeitungszeit verringert.

Klinische Hinweise
1. Frontzahnkavitäten
a. Kleine Kavitäten
Restauration mit der Einschiebtechnik. In den meisten Fällen ist die Benutzung eines Standardfarbens in der Einschiebtechnik erzielt werden. Details hierzu finden Sie bei den klinischen Hinweisen.
2. Nach sehr kühler Lagerung kann es schwierig sein, das Material zu entnehmen.
3. Vor der Benutzung durch eine tropfende Leuchte ausstrahlen lassen.
4. Nach dem Auspressen sollte das Material nicht zu lange dem Umgebungslicht ausgesetzt werden, da sich hierdurch die Verarbeitungszeit verringert.

2. Seitenzahnkavitäten
a. Kleine Kavitäten
Restauration mit der Einschiebtechnik. In den meisten Fällen ist die Benutzung einer Standardfarbe ausreichend. Wenn eine stärkere Transparenz erforderlich sein sollte, kann zusätzlich eine Outside - Spezialfarbe verwendet werden. S.a. die Beispiele bei "Klinische Anwendung".
b. Große Kavitäten
Den Grund der Kavität mit einem fließfähigen Komposit wie G-aenial® Flo X, GRADIA® DIRECT Flo oder GRADIA® DIRECT LoFlo® auf den Cavity floor. Dann mit einer Standardfarbe versehen. Mit GRADIA DIRECT Standardfarben erfolgen. Für ein optimales Ergebnis als letzte Schicht eine Outside - Spezialfarbe verwenden. S. a. "Beispiele der klinischen Restauration".

\*GC Fuji LINING® PASTE PAK, GC Fuji LINING® LC oder GC Fuji® IX GP kann ebenfalls verwendet werden. Dabei die jeweilige Gebrauchsanweisung beachten.

Beispiele in der klinischen Anwendung (klinischer Hinweis Nr. 1, 2)



Farbkombinationstabelle f. d. mehrschichttechnik bei großen Kavitäten im Frontzahnbereich (1-4)

5. Formung vor dem Lichthärten
Die Kavität nach der Restauration erfolgt wie gewohnt.
6. Lichthärten
Licht härten von G-aenial erfolgt mit einem Lichthärtungsgerät (Abb. 3). Gewährleisten Sie, dass der Lichtstrahl so nah wie möglich an der Oberfläche angehalten wird.
Belichtungszeiten und Aushärtungszeiten entsprechend der folgenden Tabelle:

G-aenial ANTERIOR: Belichtungszeit und Aushärtungsstiefe

Table with columns for Belichtungszeit, Plasma arc (2000mW/cm²), GC G-Light (1200mW/cm²), and Halogen / LED (700mW/cm²) for different shade depths.

G-aenial POSTERIOR: Belichtungszeit und Aushärtungsstiefe

Table with columns for Belichtungszeit, Plasma arc (2000mW/cm²), GC G-Light (1200mW/cm²), and Halogen / LED (700mW/cm²) for different shade depths.

FARBEN
1. 22 Farben Anterior
Standardfarben: XBW (Extra Bleaching White), BW (Bleaching White), A1, A2, A3, A3.5, A4, B1, B2, B3, C3, CV (Cervical), CVD (Cervical Dark)
Inside Spezial Farben: A02, A03, A04
Outside Spezial Farben: JE (Junior), AE (Erwachsener), TE (Translucent)\*, IE (Incisal), SE (Senior), CVE (Cervical)
\* TE shade ist nicht radiopaque.

2. 6 Farben Posterior
Standardfarben: P-A1, P-A2, P-A3, P-A3.5, P-JE (Incisal)
Note:
A, B, C, AO shades are based on Vita®\* Farben.
\*Vita® is a registered trademark of Vita Zahnfabrik, Bad Säckingen, Germany.

AUFBEWAHRUNG
Aufbewahrung an einem dunklen und kühlen Ort (4 – 25 Grad Celsius) geschützt vor Wärme und Sonnenlicht.
Haltbarkeit:
G-aenial ANTERIOR - drei Jahre ab Produktionsdatum
G-aenial POSTERIOR - drei Jahre ab Produktionsdatum

VERPACKUNGSFORMEN
I. Spritzen
1. QUICK START KIT
- 7 Spritzen (je eine Spritze pro Farbe à 2,7ml)
- Farbtabelle
2. NACHFÜLLPACKUNG
- 1 Spritze (erhältlich in allen 28 Farben, jeweils 2,7ml pro Spritze)
Anm.:
Gewicht der Spritze: 4,7g Anterior (TE: 4,0g), 5,5g Posterior

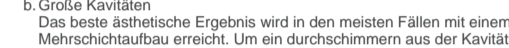
II. Unitips
1. QUICK START KIT (35 Unitips in 7 Anterior Farben)
- 35 Unitips (je 5 Unitips pro Farbe à 0,16ml)
(7 Anterior Farben: A1, A2, A3, B2, AE, IE, JE)
- Farbtabelle
2. NACHFÜLLSETZ
a. Set mit 20 Unitips (erhältlich in 14 Farben à 0,16ml) (8 Anterior Farben - A1, A2, A3, A3.5, A03, CV, IE, AE) (6 Posterior Farben - P-A1, P-A2, P-A3, P-A3.5, P-JE, P-IE)
b. Set mit 10 Unitips (erhältlich in 14 Farben à 0,16ml) (14 Anterior Farben - XBW, BW, AA, B1, B2, B3, C3, A02, A04, CVD, TE, JE, SE, CVE)

Anm.:
Gewicht eines Unitip: 0,28g Anterior (TE: 0,24g), 0,33g Posterior
a. Unitip APPLIER II
b. Farbtabelle
c. Anmischblock (No. 14B)

ZUR BEACHTUNG
1. Bei Kontakt des Materials mit Mundgewebe das Material umgehend mit einem alkoholhaltigen Tupfer entfernen und mit Wasser spülen.
2. Bei Augenkontakt sofort mit viel Wasser spülen und einen Mediziner aufsuchen.
3. Das Verschlucken des Materials ist zu vermeiden.
4. Während der Benutzung sollten Einweghandschuhe getragen werden, um einen direkten Hautkontakt mit dem Material zu verhindern, da ansonsten eine Sensibilisierung auftreten könnte.
5. Aus Gründen des Infektionsschutzes sind die Unitips nur für den einmaligen Gebrauch zu verwenden.
6. Beim Licht härten Schutzbrille verwenden.
7. Um eine Inhalation von Staub zu vermeiden, während des Polierens eine Staubabsaugvorrichtung verwenden und einen Staubschutz tragen.
8. Nicht mit anderen Materialien vermischen!
9. Materialreste auf Bekleidung vermeiden.
10. In material, dass an nicht beabsichtigten Bereichen anhaftet, bitte vor dem Licht härten mit einem Tupfer oder anderen geeigneten Instrument entfernen.
11. Nie G-aenial zusammen mit eugenolhaltigen Materialien verwenden.
12. Alle Farbtöne, außer der speziellen Outside Farbe TE, sind röntgensichtbar.

Einige Produkte, die in der vorliegenden Gebrauchsanleitung Bezug genommen wird, können gemäß dem GHS als gefährlich eingestuft sein. Machen Sie sich immer mit den Sicherheitsdatenblättern vertraut, die unter folgendem Link erhältlich sind: http://www.gcorpoe.com/download
Elles peuvent également être obtenus auprès de votre fournisseur.

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G-aenial® COMPOSITE DE RESTAURATION RADIOPAQUE PHOTOPOLYMERISABLE

Ce produit est réservé à l'art dentaire selon les recommandations d'utilisation.
INDICATIONS
A. G-aenial ANTERIEUR
1. Restauration directes pour cavités de Classes III, IV, V.

B. G-aenial POSTERIEUR
1. Restauration directes pour cavités de Classes I et II.
CONTRE-INDICATIONS
1. Coffrage préalable
2. Dans de rares cas ce produit peut entraîner des réactions chez certaines personnes. Si tel est le cas, ne plus utiliser ce produit et consulter un médecin.

MODE D'EMPLOI
1. Sélection de la teinte
Nettoyer la dent avec de la ponce et de l'eau. La sélection de la teinte doit se faire avant l'isolation de la dent. Sélectionner la teinte G-aenial appropriée en vous référant au teintier G-aenial.
2. Préparation de la cavité
Préparer la cavité en utilisant les techniques standards. Sécher doucement avec de l'air propre sans trace d'huile.
Note:
Utiliser un coffrage pulpaire, utiliser un hydroxyde de calcium.

3. Traitement pour le collage
Pour coller G-aenial à l'émail et / ou à la dentine, utiliser un système de collage photopolymérisable comme G-aenial® Bond, G-Premio BOND, G-BOND®, GC Fuji Bond LC ou UniFil Bond (Fig. 1).
4. Application de G-aenial
1) Utilisation d'un Unitip
Insérer la Unitip de G-aenial nell'appositor applicatore o in uno strumento equivalente. Togliere il cappuccio ed estrarre il materiale direttamente nella cavità preparata. Applicare una pressione costante (Fig. 2).
2) Avec une seringue
Retirer le capuchon de la seringue et déposer le matériau sur un bloc de mélange. Placer le matériau dans la cavité avec un instrument adapté. Après distribution, faire effectuer 1/2 tour au piston de la seringue dans le sens inverse des aiguilles d'une montre pour libérer la pression résiduelle dans la seringue. Retirer le capuchon immédiatement après utilisation.
Note:
1. Fondamentalement, le matériau peut être appliqué en une seule couche pour obtenir, avec les teintes standard, une restauration esthétique de plus en plus de détails, se référer au paragraphe "Exemples et Applications Cliniques".
2. Il peut être difficile d'extraire le matériau lorsqu'il est froid. Dans ce cas le laisser à température ambiante pendant quelques minutes avant utilisation.
3. Après distribution, éviter une trop longue exposition à la lumière ambiante. La lumière ambiante peut raccourcir le temps de manipulation.

«Astuces» cliniques
1. Cavités antérieures
a. Dans le cas de petites cavités
Restaure en utilisant la technique monochrome. En général, une seule teinte standard sera suffisante. Dans les cas où un degré plus important de translucidité est souhaité, une des teintes spéciales peut être choisie. Voir également «Exemples et Applications Cliniques».
b. Dans le cas de larges cavités
Dans la plupart des cas et pour donner les meilleurs résultats esthétiques, la technique multicouche sera appliquée. Pour éviter tout brillance dans la cavité orale ou pour masquer la dentine jaune, sélectionner une teinte Spécial Inside et continuer le montage avec une teinte Standard. Pour rendre une restauration plus vivante appliquer, en couche finale, une teinte spéciale Outside. Voir également «Exemples et Applications Cliniques» et / ou consulter le tableau de combinaison des teintes.

2. Cavités postérieures
a. Dans le cas de petites cavités
Restaure en utilisant la technique monochrome. En général, une seule teinte standard sera suffisante. Dans le cas où un degré plus important de translucidité est souhaité, une teinte spéciale peut être sélectionnée. Voir également «Exemples et Applications Cliniques».
b. Dans le cas de profondes cavités
Placer un composite fluide comme G-aenial® Flo X, GRADIA® DIRECT Flo ou GRADIA® DIRECT LoFlo® sur le plancher de la cavité. Pour une esthétique optimale, utiliser une teinte spéciale Outside comme couche finale de composite. Voir également «Exemples et Applications Cliniques».

\*GC Fuji LINING® PASTE PAK, GC Fuji LINING® LC ou GC Fuji® IX GP peuvent également être utilisés comme matériaux de base ou liner. Suivre les instructions du fabricant.

Exemples d'applications cliniques (Suggestions cliniques No. 1, 2)

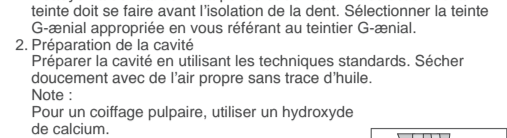


Tableau de combinaison des teintes pour technique multicouche dans les cas de larges cavités des dents antérieures (1-4)

5. Contourage avant photopolymérisation
Contourer la cavité avant la photopolymérisation.
6. Photopolymérisation
Photopolymériser G-aenial avec une unité de photopolymérisation (Fig. 3). Gardez l'embout lumineux le plus près possible de la surface.
Se référer au tableau des temps d'irradiation et des profondeurs de polymérisation.

G-aenial ANTERIOR: Temps d'irradiation et profondeur de polymérisation

Table with columns for Temps d'irradiation, Arc à Plasma (2000mW/cm²), GC G-Light (1200mW/cm²), and Halogène / LED (700mW/cm²) for different shade depths.

G-aenial POSTERIOR: Temps d'irradiation et profondeur de polymérisation

Table with columns for Temps d'irradiation, Arc à Plasma (2000mW/cm²), GC G-Light (1200mW/cm²), and Halogène / LED (700mW/cm²) for different shade depths.

TE, IE, JE, SE, CVE
A1, A2, B1, B2, XBW, BW, AE
A3, B3
A3.5, A4, C3, A02, A03, A04, CV, CVD
1.5 m, 2.5 m

TE, IE, JE, SE, CVE
A1, A2, B1, B2, XBW, BW, AE
A3, B3
A3.5, A4, C3, A02, A03, A04, CV, CVD
1.5 m, 2.5 m

TE, IE, JE, SE, CVE
A1, A2, B1, B2, XBW, BW, AE
A3, B3
A3.5, A4, C3, A02, A03, A04, CV, CVD
1.5 m, 2.5 m

TE, IE, JE, SE, CVE
A1, A2, B1, B2, XBW, BW, AE
A3, B3
A3.5, A4, C3, A02, A03, A04, CV, CVD
1.5 m, 2.5 m

TE, IE, JE, SE, CVE
A1, A2, B1, B2, XBW, BW, AE
A3, B3
A3.5, A4, C3, A02, A03, A04, CV, CVD
1.5 m, 2.5 m

TE, IE, JE, SE, CVE
A1, A2, B1, B2, XBW, BW, AE
A3, B3
A3.5, A4, C3, A02, A03, A04, CV, CVD
1.5 m, 2.5 m

TE, IE, JE, SE, CVE
A1, A2, B1, B2, XBW, BW, AE
A3, B3
A3.5, A4, C3, A02, A03, A04, CV, CVD
1.5 m, 2.5 m

TE, IE, JE, SE, CVE
A1, A2, B1, B2, XBW, BW, AE
A3, B3
A3.5, A4, C3, A02, A03, A04, CV, CVD
1.5 m, 2.5 m

TE, IE, JE, SE, CVE
A1, A2, B1, B2, XBW, BW, AE
A3, B3
A3.5, A4, C3, A02, A03, A04, CV, CVD
1.5 m, 2.5 m

TE, IE, JE, SE, CVE
A1, A2, B1, B2, XBW, BW, AE
A3, B3
A3.5, A4, C3, A02, A03, A04, CV, CVD
1.5 m, 2.5 m

TE, IE, JE, SE, CVE
A1, A2, B1, B2, XBW, BW, AE
A3, B3
A3.5, A4, C3, A02, A03, A04, CV, CVD
1.5 m, 2.5 m

TE, IE, JE, SE, CVE
A1, A2, B1, B2, XBW, BW, AE
A3, B3
A3.5, A4, C3, A02, A03, A04, CV, CVD
1.5 m, 2.5 m

TE, IE, JE, SE, CVE
A1, A2, B1, B2, XBW, BW, AE
A3, B3
A3.5, A4, C3, A02, A03, A04, CV, CVD
1.5 m, 2.5 m

TE, IE, JE, SE, CVE
A1, A2, B1, B2, XBW, BW, AE
A3, B3
A3.5, A4, C3, A02, A03, A04, CV, CVD
1.5 m, 2.5 m

TE, IE, JE, SE, CVE
A1, A2, B1, B2, XBW, BW, AE
A3, B3
A3.5, A4, C3, A02, A03, A04, CV, CVD
1.5 m, 2.5 m

TE, IE, JE, SE, CVE
A1, A2, B1, B2, XBW, BW, AE
A3, B3
A3.5, A4, C3, A02, A03, A04, CV, CVD
1.5 m, 2.5 m

TE, IE, JE, SE, CVE
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1.5 m, 2.5 m

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A1, A2, B1, B2, XBW, BW, AE
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A3.5, A4, C3, A02, A03, A04, CV, CVD
1.5 m, 2.5 m

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A1, A2, B1, B2, XBW, BW, AE
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A3.5, A4, C3, A02, A03, A04, CV, CVD
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A3.5, A4, C3, A02, A03, A04, CV, CVD
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A3.5, A4, C3, A02, A03, A04, CV, CVD
1.5 m, 2.5 m

TE, IE, JE, SE, CVE
A1, A2, B1, B2, XBW, BW, AE
A3, B3
A3.5, A4, C3, A02, A03, A04, CV, CVD
1.5 m, 2.5 m

TE, IE, JE, SE, CVE
A1, A2, B1, B2, XBW, BW, AE
A3, B3
A3.5, A4, C3, A02, A03, A04, CV, CVD
1.5 m, 2.5 m

TE, IE, JE, SE, CVE
A1, A2, B1, B2, XBW, BW, AE
A3, B3
A3.5, A4, C3, A02, A03, A04, CV, CVD
1.5 m, 2.5 m

TE, IE, JE, SE, CVE
A1, A2, B1, B2, XBW, BW, AE
A3, B3
A3.5, A4, C3, A02, A03, A04, CV, CVD
1.5 m, 2.5 m

TE, IE, JE, SE, CVE
A1, A2, B1, B2, XBW, BW, AE
A3, B3
A3.5, A4, C3, A02, A03, A04, CV, CVD
1.5 m, 2.5 m

TE, IE, JE, SE, CVE
A1, A2, B1, B2, XBW, BW, AE
A3, B3
A3.5, A4, C3, A02, A03, A04, CV, CVD
1.5 m, 2.5 m

TE, IE, JE, SE, CVE
A1, A2, B1, B2, XBW, BW, AE
A3, B3
A3.5, A4, C3, A02, A03, A04, CV, CVD
1.5 m, 2.5 m

TE, IE, JE, SE, CVE
A1, A2, B1, B2, XBW, BW, AE
A3, B3
A3.5, A4, C3, A02, A03, A04, CV, CVD
1.5 m, 2.5 m

TE, IE, JE, SE, CVE
A1, A2, B1, B2, XBW, BW, AE



# G-aenial®

LICHTHARDEND RADIOPAAK RESTAURATIECOMPOSIT

Aleen te gebruiken in de vermelde toepassingen door tandheelkundig gekwalificeerden.

## AANBEVOLEN TOEPASSINGEN

A. G-aenial ANTERIOR  
1. Directe restauraties in Klasse III, IV en V caviteiten.  
2. Directe restauraties in klasse II caviteiten met of zonder caries.  
3. Til directe restauraties voor veneers en het sluiten van diastema.

B. G-aenial POSTERIOR  
1. Directe restauraties in Klasse I en II caviteiten.

## CONTRA-INDICATIES

1. Pulpa-overkapping.  
2. In enkele zeldzame gevallen kan het product bij bepaalde personen overgevoeligheid veroorzaken. Indien dergelijke reacties optreden, gebruik het product dan niet langer en raadpleeg een arts.

## GEbruiksAANWIJZING

1. Kleurselectie.  
Folieg het element met pulpmsteen en water. Maak een kleurselectie alvorens het element te isoleren. Selecteer de juiste G-aenial kleuren met behulp van de G-aenial kleurengids.

2. Caviteitspreparatie.  
Präpareer de caviteit met standaardtechnieken. Droog voorzichtig door te blazen met levend lucht.

Opmerking:  
Gebruik calciumhydroxide voor pulpa-overkapping.

3. Aantrengen van een binding.  
Om G-aenial aan zwaar glaszuur als dentine te hecht ten gebruikt men een lichthardend bondingstelsel zoals G-aenial® Bond, G-Prémio BOND, G-BOND®. GC Fuji Bond LC of UniFil Bond (Fig. 1). Volg de instructies van de fabrikant.

4. Het aantrengen van G-aenial  
1) Aantrengen vanuit een Unipit  
Bring de G-aenial Unipit aan in het Unipit pistool of in een gelijksoortig instrument. Verwijder het dopje en spuit het materiaal met gelijkmatige druk direct in de geprepareerde caviteit (Fig. 2). Handhaaf de druk totdat de druppel uit het pistool tussich tussich in de mond verwijderd. Dit voorkomt dat de Unipit uit het pistool valt.

2) Aantrengen vanuit een spatule  
Verwijder het dopje van het spatule en spuit materiaal op een mengblokje. Breng het materiaal in de caviteit met een daarvoor geschikt instrument. Na het extruderen de plunjur van het spatule een reëe slag tegen de kook in trede draaien om naarvora warm te maken. Herlaats het dopje direct na gebruik.

Opmerking:  
1. Normaal, kan voor het vorken van een esthetische restauratie materiaal in een speciale laag met gebruik van Standard Kleuren worden aangebracht. Raadpleeg de klinische adviezen voor meer details.  
2. Extruderen van het materiaal kan lastig zijn, indien het koel werd bewaard. Laat het materiaal een aantal minuten op kamertemperatuur komen, alvorens het te verwerken.  
3. Voorkom dat ge-extrudeerd materiaal te lang aan licht wordt blootgesteld. Licht kan de verwerkingsijd aanzienlijk verkorten.

## Klinische adviezen

1. Anterieure caviteiten  
a. In het geval van kleine caviteiten  
Restaurator door middel van de laagste mogelijke opbouwtechniek met een enkele kleur. In de meeste gevallen zal het gebruik van een enkele Standard Kleur voldoende zijn. In die gevallen waarbij een hogere graad van translucentie is gewenst, kan voor één van de "Outside special" kleuren worden gekozen. Zie ook de voorbeelden van klinische applicaties.

b. In het geval van grote caviteiten  
Restauratie van grote caviteiten met meerdere laagstechniek de beste esthetische resultaten geven. Om het doorschijnen van een orale caviteit te voorkomen of om verkleurd dentine te maskeren, wordt een geschikte "inside special" kleur geselecteerd samen vervolgens verder wordt opgebouwd met een Standard Kleur.

Om een restauratie meer natuurlijk te maken, bijvoorbeeld om aan leeftijd gerelateerde nuances te kopiëren, zou de afwerking aan "outside special" kleuren worden toegevoegd. Zie ook de voorbeelden van klinische applicaties en / of raadpleeg de Kleuren Combinatie Kaart.

2. Posteriore caviteiten  
a. In het geval van kleine caviteiten  
Restauratie door middel van de laagstechniek met een enkele kleur. In de meeste gevallen zal het gebruik van één enkele Standard Kleur voldoende zijn. In die gevallen waarbij een hogere graad van translucentie is gewenst, kan voor één van de "Outside special" kleuren worden gekozen. Zie ook de voorbeelden van klinische applicaties.

b. In het geval van diepe caviteiten  
Bring een "flowable" composit zoals G-aenial® Flo X, GRADIA® DIRECT Flo of GRADIA® DIRECT LoFlo™ aan op de bodem van de caviteit. Breng daarna een Standard Kleur aan. Volg de afwerking aan "Outside special" kleur om een optimale esthetiek te verkrijgen. Zie ook de voorbeelden van klinische applicaties.

\*GC Fuji LINING® PASTE PAK, GC Fuji LINING® LC of GC Fuji IX GP kunnen zowel als liner als ook als onderlaag worden gebruikt. Zie de respectievelijke gebruiksaanwijzingen.

## Voorbeelden van klinische applicaties (Klinische adviezen No. 1, 2)

Standard (1-4) Outside special (5-8) Inside special (9-12) Outside special (13-16)

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# G-aenial®

LYSPOLYMERISERENDE RADIOPAK KOMPOSIT FYLDNINGSMATERIALER

Kun til brug af tandplejepersonale ved anbefalede indikationer.

## REKOMMENDEREDE INDIKATIONER

A. G-aenial ANTERIOR  
1. Til direkte fyldninger i kaviteitsklasserne III, IV, og V.  
2. Til direkte fyldninger i V-formede defekter og kærnerede rodfoverlader.  
3. Til direkte fyldninger af fremstammede faserader samt lukning af diastema.

B. G-aenial POSTERIOR  
1. Til direkte fyldninger i kaviteitsklasserne I og II.

## KONTRAINDIKATIONER

1. Pulpaoverkapping.  
2. I enkelte zeldzame gevallen kan det produkt ved bepaalde personer overfølelighed veroorzaken. Indien dergelijke reacties optreden, gebruik het product dan niet langer en raadpleeg een arts.

## BRUGSANSVINGNING

1. Færgvalg.  
Færgvelg tanden med pimsten og vand. Færgvelg skal træffes inden tanden isoleres. Vælg en passende færg ved hjælp af G-aenial færgeskaala.

2. Kaviteitspreparatie.  
Præpareer de caviteit med standardteknik. Blæs forsigtigt tørt med olefri luftblæsting.

Opmerking:  
Gebruik calciumoverkapping, anvend calciumhydroxid.

3. Bonding.  
Til binding af G-aenial til emalj og / eller dentin, anvend et ljusthardend bondingstelsel såsom G-aenial® Bond, G-Prémio BOND, G-BOND®. GC Fuji Bond LC of UniFil Bond (Fig. 1). Følg producentens brugsanvisning.

4. Applicering af G-aenial  
1) Dispenser fra en Unipit  
Sæt G-aenial Unipit i en Unipit appliceringspistol eller en liksoortig instrument. Fjern sætten og pres material ud direkte i den præparerede caviteit. Anvend et jævnt tryk (Fig. 2). Handhaaf de druck totdat druppel tussich tussich i den mund verwijderd. Dit voorkomt dat de Unipit uit het pistool valt.



EN Prior to use, carefully read the instructions for use.

## G-anial LIGHT-CURED RADIOACTIVE COMPOSITE RESTORATIVE

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

### RECOMMENDED INDICATIONS

- G-anial ANTERIOR
- Direct restorative for Class II, III, IV, V cavities.
- Direct restorative for wedge-shaped defects and root surface cavities.
- G-anial POSTERIOR
- Direct restorative for Class I and II cavities.

### CONTRAINDICATIONS

- Do not use if the product may cause sensitivity in some people. If any and/or allergic reactions are experienced, discontinue the use of the product and refer to a physician.

### DIRECTIONS FOR USE

- Clean the tooth with pumice and water. Shade selection should be made prior to isolation. Select the appropriate shade guide by referring to the G-anial shade guide.
- Shade Preparation Prepare cavity with standard techniques. Dry by gently blowing with free air.
- For pulp capping, use calcium hydroxide.
- Use standard restorative using Standard shades. For details, refer to the Clinical Hints.

For bonding G-anial to enamel and/or dentin, use a high-cure bonding resin such as GC Clearfil Bond, GC G-BOND™, GC Fuji BOND LC or GC UniFil® Bond (Fig. 1).

Placement of G-anial

- Insert the G-anial Unit into the Unit/APPLIER or equivalent. Remove the cap and extrude material directly into the prepared cavity. Use steady pressure (Fig. 2).
- Maintain pressure on the applier handle while removing the Unit/APPLIER and releasing the material. This prevents the Unit/APPLIER from coming loose from the applier.
- Removal from the applier. Press the release button to dispense material onto a mixing pad. Place the material into the cavity using a suitable placement instrument.
- After the material is in place, use a syringe plunger applicator with a flat tip to return to release residual pressure inside the syringe. Replace cap immediately.
- Basic. Material can be applied in a single layer to achieve aesthetic results using Standard shades. For details, refer to the Clinical Hints.
- For translucent shades, use a translucent shade guide to select the material to be used. Extrude immediately after removing from cold storage.
- For translucent shades, use a translucent shade guide to select the material to be used. Extrude immediately after removing from cold storage.
- After dispensing, avoid too long exposure to ambient light. The Unit/APPLIER can shorten the manipulation time.

### Clinical Hints

- Anterior cavities
- In the case of small cavities, restore using a one shade layering technique. In most cases the use of one Standard shade alone will be sufficient. In cases where a higher trans lucency is needed, one of the Outside special shades (A1, A2, A3, A3.5, A4, A4.5, A5, A5.5, A6, A6.5, A7, A7.5, A8, A8.5, A9, A9.5, A10, A10.5, A11, A11.5, A12, A12.5, A13, A13.5, A14, A14.5, A15, A15.5, A16, A16.5, A17, A17.5, A18, A18.5, A19, A19.5, A20, A20.5, A21, A21.5, A22, A22.5, A23, A23.5, A24, A24.5, A25, A25.5, A26, A26.5, A27, A27.5, A28, A28.5, A29, A29.5, A30, A30.5, A31, A31.5, A32, A32.5, A33, A33.5, A34, A34.5, A35, A35.5, A36, A36.5, A37, A37.5, A38, A38.5, A39, A39.5, A40, A40.5, A41, A41.5, A42, A42.5, A43, A43.5, A44, A44.5, A45, A45.5, A46, A46.5, A47, A47.5, A48, A48.5, A49, A49.5, A50, A50.5, A51, A51.5, A52, A52.5, A53, A53.5, A54, A54.5, A55, A55.5, A56, A56.5, A57, A57.5, A58, A58.5, A59, A59.5, A60, A60.5, A61, A61.5, A62, A62.5, A63, A63.5, A64, A64.5, A65, A65.5, A66, A66.5, A67, A67.5, A68, A68.5, A69, A69.5, A70, A70.5, A71, A71.5, A72, A72.5, A73, A73.5, A74, A74.5, A75, A75.5, A76, A76.5, A77, A77.5, A78, A78.5, A79, 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