

### G-enial A'CHORD™

USE ONLY BY A DENTAL PROFESSIONAL IN THE RECOMMENDED INDICATIONS.

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

**INDICATIONS FOR USE**

- Direct restorative for wedge-shaped defects and root surface caries.
- Restorative for veneers and distal crown closure.
- Direct pulp capping.
- Use of this product in patients with contraindications to composite by use of the material as a polymer.

**DIRECTIONS FOR USE**

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

**Shade Correspondence between VITA® Classic Shade and G-enial A'CHORD Core shades**

VITA® Classic Shade	G-enial A'CHORD Core Shade	VITA® Classic Shade	G-enial A'CHORD Core Shade
A1	A1	A1	A1
A2	A2	A1.5	A2
A3	A3	A2	A3
A3.5	A3.5	A2.5	A3.5
A4	A4	A3	A4
B1	B1	A4	B1
B2	B2	A4.5	B2
B3	B3	A5	B3
B4	B4	A5.5	B4
C1	C1	A6	C1
C2	C2	A6.5	C2
C3	C3	A7	C3
C4	C4	A7.5	C4
D3	D3	A8	D3
D4	D4	A8.5	D4
D5	D5	A9	D5

**Preparation**

- Prepare cavity using standard techniques. Dry by gently blotting with oil-free paper.

**Bonding Treatment**

- For bonding G-enial A'CHORD to enamel and/or composite on a light-cured bonding system, use the following steps:

- 1. Apply G-enial A'CHORD Primer to the cavity walls.
- 2. Apply G-enial A'CHORD Bonding Agent to the cavity walls.
- 3. Apply G-enial A'CHORD Composite to the cavity walls.

**Light Curing**

- 1. Cure G-enial A'CHORD using a light curing unit.
- 2. Repeat light cure as close as possible to the surface.

**Irradiation Time and Effective Depth of Cure**

Material	Depth of Cure (mm)
A1, A2, A3, A3.5, A4, B1, B2, B3, B4, C1, C2, C3, C4, D3, D4, D5	2.5mm
A4.5, A5, A5.5, A6, A6.5, A7, A7.5, A8, A8.5, A9	2.0mm

**Notes**

- Material should be placed and light cured in layers.
- Lower light intensity may cause insufficient curing or discoloration of the material.

**Finishing and Polishing**

- Finish and polish using diamond burs, polishing points and discs.

**Examples of Clinical Applications**

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

Layer	A1	A2	A3	A3.5	A4	A4.5	A5	A5.5	A6	A6.5	A7	A7.5	A8	A8.5	A9
Outer	A1	A2	A3	A3.5	A4	A4.5	A5	A5.5	A6	A6.5	A7	A7.5	A8	A8.5	A9
Inner	A1	A2	A3	A3.5	A4	A4.5	A5	A5.5	A6	A6.5	A7	A7.5	A8	A8.5	A9

**PACKAGES**

- 1. REFILL: 2.1ml per syringe.
- 2. Weight per syringe: 4.0g

**STORAGE**

- Store in original packaging at temperatures of 4-25°C / 39-77°F away from high temperatures.

**CAUTION**

- In case of contact with oral tissue or skin, remove immediately with cotton or a sponge soaked in alcohol.

**UNDESIRABLE EFFECTS - REPORTING:**

- If you become aware of any kind of undesired effect, please report it directly through the relevant contact person.

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A2	A2	A1.5	A2
A3	A3	A2	A3
A3.5	A3.5	A2.5	A3.5
A4	A4	A3	A4
B1	B1	A4	B1
B2	B2	A4.5	B2
B3	B3	A5	B3
B4	B4	A5.5	B4
C1	C1	A6	C1
C2	C2	A6.5	C2
C3	C3	A7	C3
C4	C4	A7.5	C4
D3	D3	A8	D3
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Outer	A1	A2	A3	A3.5	A4	A4.5	A5	A5.5	A6	A6.5	A7	A7.5	A8	A8.5	A9
Inner	A1	A2	A3	A3.5	A4	A4.5	A5	A5.5	A6	A6.5	A7	A7.5	A8	A8.5	A9

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B2	B2	A4.5	B2
B3	B3	A5	B3
B4	B4	A5.5	B4
C1	C1	A6	C1
C2	C2	A6.5	C2
C3	C3	A7	C3
C4	C4	A7.5	C4
D3	D3	A8	D3
D4	D4	A8.5	D4
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**Preparation**

- Prepare cavity using standard techniques. Dry by gently blotting with oil-free paper.

**Bonding Treatment**





