

EQUIA® Forte Fil

BULK FILL GLASS HYBRID RESTORATIVE

EQUIA® Forte Coat

LIGHT CURED SELF ADHESIVE WEAR RESISTANT COATING

Prior to use, carefully read the instructions for use.

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

RECOMMENDED INDICATIONS

1. Class I restorations
2. Stress bearing Class II restorations (see separate technique guide for suggested cavity preparations)
3. Non-stress bearing Class II restorations
4. Intermediate restorative
5. Class V and root surface restorations
6. Core build up

EQUIA Forte Coat is used to seal, strengthen and protect the EQUIA Forte Fil restorations.

CONTRAINDICATIONS

1. Pulp capping.
2. 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.
3. EQUIA Forte Coat is not suitable for patients with a history of hypersensitivity to acrylate/methacrylate monomers.

NOT TO BE USED

EQUIA Forte Coat should not be used in combination with desensitizers and eugenol containing materials as these may hinder EQUIA Forte Coat from setting or bonding properly.

DIRECTIONS FOR USE

Powder/Liquid Ratio (g/g)	0.40/0.13
Mixing Time (sec.)	10"
Time of initial extrusion after mixing	10" maximum
Working Time (min., sec.)*	1'15"
Net Setting Time (min., sec.)(37°C, after starting mix)	2'00"
Final Finishing Commencing Time (min., sec.) (37°C, after starting mix)	2'30"
VLC curing time of EQUIA Forte Coat	20"

*Test conditions : Temperature (23 +/-1°C), Relative humidity (50 +/-5%)

1. CAVITY PREPARATION

- a) Prepare tooth using standard techniques. Extensive mechanical retention is unnecessary. For pulp capping use calcium hydroxide. In class V or II situations, we advise the use of an anatomical matrix system. Metal bands should be lubricated with petroleum jelly.

Note:

Optionally, CAVITY CONDITIONER (GC) or DENTIN CONDITIONER (GC) can be applied to the bonding surfaces.

- b) Rinse thoroughly with water. Blot away excess water with a cotton pellet or dry by gently blowing with an air syringe. DO NOT DESICCATE. Prepared surfaces should appear moist (glistening).

2. CAPSULE ACTIVATION AND MIXING

- a) Before activation, shake the capsule or tap its side on a hard surface to loosen the powder.
- b) To activate the capsule, push the plunger until it is flush with the main body.
- c) Immediately place the capsule into a metal GC CAPSULE APPLIER and click the lever once. The capsule is now activated.

Note:
The capsule should be activated just before mixing and used immediately.
- d) Immediately remove the capsule and set it into a mixer (or an amalgamator) and mix for 10 seconds (+/- 4,000RPM).

3. RESTORATIVE TECHNIQUE

- a) Immediately remove the mixed capsule from the mixer and load it into the GC CAPSULE APPLIER.
- b) Make two clicks to prime the capsule then syringe. The working time is 1 minute 15 seconds from start of mixing at 23°C (73.4°F). Higher temperatures will shorten working time.

- c) Within 10 seconds maximum after mixing, start to extrude the mixture directly into the preparation.
- d) Form the preliminary contour, and cover with a matrix if required.
- e) During the first 2 minutes 30 seconds from start of mix extra care should be taken to avoid moisture contamination or drying-out. In case this cannot be guaranteed, immediately apply EQUIA Forte Coat and light cure.

Note :

- 1) To adjust the direction of the nozzle, hold the applicator with the capsule towards you and turn the capsule body.
- 2) To remove the used capsule, push the applicator release button. Twist the capsule and pull upwards.

4. FINISHING

Finish under water spray using superfine diamond burs after 2 minutes 30 seconds from start of mixing.

Note:

When applying EQUIA Forte Coat on the existing EQUIA Forte Fil restorations, roughen the surface to be coated with superfine diamond burs.

5. COATING

- a) Spray preparation dust away with water. Dry by gently blowing with oil free air. Surfaces to be coated should be dry. Do not desiccate.

- b) Bottle type: Dispense a few drops of EQUIA Forte Coat into a disposable dispensing dish. Replace bottle cap immediately after use.

Unit dose type:
Unscrew cap of EQUIA Forte Coat unit dose counterclockwise. Make sure to identify the top and bottom of the unit dose capsule before opening.

- c) IMMEDIATELY apply (within 1 minute after dispensing) to the surfaces to be coated using the disposable applicator. Use floss to apply to approximal surface. Avoid the content to soft tissue. DO NOT AIR BLOW.

Note :

- 1) Non bur cut enamel should be treated with a 35-40% phosphoric acid according to the manufacturer's instructions. Rinse and dry with oil free air.
- 2) Should the coated surface be contaminated with water, blood or saliva prior to light curing, wash and dry the surface and repeat the coating procedure.
- 3) Ambient light may shorten the working time. It is recommended to diminish the intensity or turn off your operation light during the cementation procedure.
- 4) If the cap of the unit dose is too tight to open, do not try to open it with force to avoid accidental contact of the liquid with skin and eyes. Use another unit dose.
- 5) Unit dose is disposable. Do not recap or reuse to avoid cross contamination between patients.

6. LIGHT CURING

IMMEDIATELY light cure all coated surfaces with a visible light curing unit (> 500mW/cm² : Halogen, LED) for 20 seconds.

Note:

- 1) Place light source as close as possible to the coated surface.
- 2) If surface is tacky or yellowish, repeat light curing.
- 3) Use a protective light shield or similar protective eye wear during light curing.
- 4) EQUIA Forte Coat may produce a brief exothermic reaction. Apply only a thin layer of EQUIA Forte Coat to avoid the excessive amount of exothermic reaction, otherwise it may cause damage to pulp.



STORAGE

Recommended for optimal performance, store EQUIA Forte Coat and EQUIA Forte Fil capsules (in the original aluminium foil) in a cool and dark place (4-25°C) (39.2-77.0°F).

Shelf life:

EQUIA Forte Fil - 2 years from date of manufacture

EQUIA Forte Coat - 3 years from date of manufacture

SHADES

A1, A2, A3, A3.5, B1, B2, B3, C4

Shade numbers according to Vita® shade guide.

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

PACKAGES

EQUIA Forte Fil

1. Single shade package: 50 capsules

2. Assortment package: 50 capsules (10 each of A2, A3, A3.5, B1, B3)

Average contents per capsule: 0.40g powder and 0.13g (0.10mL) liquid

Minimum net volume of mixed cement per capsule : 0.14mL

EQUIA Forte Coat

3. Bottle 4mL (1)

4. Unit dose (0.1mL) (50), Disposable Applicator (50)

Option: GC CAPSULE APPLIER (1 piece).

CAUTION

1. Wear protective gloves and eye protection.
2. In case of contact with oral tissue or skin, immediately remove with a sponge or cotton pellet. After the restorative treatment is finished, rinse thoroughly with water.
3. In case of contact with eyes, flush immediately with water and seek medical attention.
4. EQUIA Forte Coat is a highly flammable liquid and vapour. Do not use near naked flame. Keep away from sources of ignition. Do not store large quantities in one area. Keep away from direct sunlight.
5. EQUIA Forte Coat is volatile. Use in a well ventilated place. Replace cap immediately.
6. If the tissue contacted by EQUIA Forte Coat turns white or forms a blister, advise the patient to leave the affected area undisturbed, until the mark disappears, usually in 1-2 weeks. To avoid contact, it is recommended to apply cocoa butter to the area where rubber dam cannot cover.
7. Avoid inhalation or ingestion of material.
8. Avoid getting material on clothing.
9. Do not mix with other products.
10. Instruct the patient not to apply pressure for 1 hour.
11. Use EQUIA Forte Fil with EQUIA Forte Coat.
12. Dispose of contents/container in accordance with local regulations.

The Safety Data Sheets for this product can be obtained from your usual supplier.

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