



riva silver

ENGLISH

SILVER-ALLOY REINFORCED GLASS IONOMER RESTORATIVE MATERIAL INSTRUCTIONS FOR USE

Riva Silver is the ideal radiopaque, silver-alloy-reinforced glass ionomer restorative material. With excellent tooth adhesion, sustained fluoride release and high compressive strength, Riva Silver is useful for a wide range of restorative applications. Shade: light grey.

INDICATIONS

- Small class I and II restorations.
- Deciduous teeth restorations.
- Geriatric restorations.
- Intermediate restoratives and base material for class I and II cavities using the sandwich technique.
- Class V restorations in non-aesthetic situations.
- Core buildups.
- Temporary fillings.
- Restorations where radiopacity is desirable.
- Restorative in the field using the ART technique.
- Temporary endodontic fillings.

CONTRAINDICATIONS

1. Pulp capping
2. Product may cause skin irritations to some people. In such cases, discontinue use and seek medical attention.

PROCEDURE

A. CAVITY PREPARATION:

1. Clean and isolate tooth.
Note: A conservative cavity should be prepared, employing standard techniques and instruments. Undercuts are not necessary.
2. In cases where pulp protection is necessary, use a calcium hydroxide liner.

B. CONDITIONING / ETCHING:

1. Apply Riva Conditioner to the prepared surfaces and leave in cavity for 10 seconds.
2. Rinse thoroughly with water.
3. Remove excess water. Keep moist. Avoid contamination.

IMPORTANT: Be careful not to completely dry the surface. Surface should be glistening.

C. MIXING AND PLACING

CAPSULE SYSTEM

Powder/Liquid ratio (g/g)	0.72/0.14
Mixing time (min, sec.)	10 seconds
Working time (min. sec.)	1'30"
Initial setting time (min, sec)	5'00"
Finishing time @ 37°C from start of mixing (min, sec)	6'00"
Minimum delivery/capsule	0.15mL
Test conditions: temperature (23 ± 1°C), relative humidity (50 ± 10%). ISO 9917-1 (Non translucent radiopaque glass polyalkenoate cement). Minimum net contents per capsule: 0.72g powder and 0.14g (0.12mL) liquid.	

1. Activate the capsule by pushing the plunger until it is flush with the body.

Important: Do not click with applicator before you mix.

2. Immediately place the capsule into the Ultramat 2 amalgamator, or any other suitable mixer, and triturate for 10 seconds.
3. Immediately remove the capsule and place into the Riva applicator.
4. Click the trigger of the Riva applicator until glass ionomer paste is seen through the clear nozzle.
5. Fill Riva Silver into the cavity, being careful not to trap air under the restoration. Note: At 23°C/74°F working time will be about 90 seconds (1'30") from the start of mixing. In situations above this temperature, working times will shorten. Adhesion strength will decrease if material is manipulated after this time.
6. Immediately apply Riva Coat to all exposed surfaces of restoration.
7. Light cure for 10 seconds.
8. At least 6 minutes after the start of trituration, finish the restoration using standard techniques.
9. Apply another layer of Riva Coat.
10. Light cure for 10 seconds.
11. Instruct patient not to eat for at least one hour after procedure.

POWDER / LIQUID SYSTEM

MIXING OF LIQUID AND POWDER:

Powder-liquid dosage:	1 flat scoop to 1 drop
Powder-liquid ratio:	0.300g/0.043g (7:1)
Recommended mixing time:	30 secs.

1. Gently tap Riva Silver powder bottle on the hand.
2. Dispense one level measure of powder onto the mixing pad/glass slab. Replace cap tightly.
3. Dispense one drop of Riva Silver onto the mixing pad/glass slab next to the powder. Replace cap tightly.
4. Divide the powder into two equal parts.
5. Mix the liquid with one part of the powder for 10 seconds using a plastic spatula, then include the second part and mix for another 15 to 20 seconds.

STORAGE AND HANDLING

- Do not remove Riva Silver capsules from their foil packets until ready to use.
- Store at temperatures between 4°C - 20°C (39°F - 68°F) for capsules and 4°C - 30°C (39°F - 86°F) for powder/liquid kits.
- Use at room temperature between 20°C and 25°C (68°F - 77°F).

PRECAUTIONS

- For professional use only.
- Keep out of reach of children.
- Do not use after expiry date.
- Do not mix powder or liquid with any other brand of glass ionomer products.
- Caution: Federal Law restricts this device to sale on or by order of a dentist.

SDS available at www.sdi.com.au or contact your regional representative.

FIRST AID

Eye (contact): Wash thoroughly with water and seek medical attention.

Skin (contact): Remove using a cloth or sponge soaked in alcohol. Wash thoroughly with water.

Ingestion: Drink plenty of water/milk. Seek medical attention if symptoms persist.

Inhalation: No Symptoms expected(capsules). Remove to fresh air (powder).

PRODUCT RANGE

- Box of 50 capsules
- 32g Powder/Liquid Kit
- Powder and Liquid Refills

Accessories

- Riva Coat
- Riva Conditioner
- Riva Applicator 2



Made in Australia by SDI Limited
 Bayswater, Victoria 3153
 Australia 1 800 337 003
 Austria 00800 0225 5734
 Brazil 0800 770 1735
 France 00800 0225 5734
 Germany 0800 1005759
 Ireland 00800 0225 5734
 Italy 00800 0225 5734
 New Zealand 0800 734 034
 Spain 00800 0225 5734
 United Kingdom 00800 0225 5734
 USA & Canada 1 800 228 5166
www.sdi.com.au

EC REP

SDI Germany GmbH
 Hansestrasse 85
 51149 Cologne
 Germany
 T+49 2203 9255 0



capsule



powder/liquid