riva luting

GLASS IONOMER LUTING CEMENT
INSTRUCTIONS FOR USE

ENGLISH

Riva Luting is the ideal radiopaque, self curing glass-ionomer luting material. With excellent tooth adhesion, high fluoride release and flowability, it is useful for a wide range of clinical applications. Riva Luting is available in a universal light yellow shade in capsule form and in powder/liquid kits.

INDICATIONS FOR USE:
Cementation of metal or porcelain fused to metal inlays, onlays and crowns.
Cementation of stainless steel crowns.
Cementation of posts and screws.
Attachment of metal orthodontic bands.
Base or liner.

INSTRUCTIONS FOR USE – CAPSULES

Powder/Liquid ratio (g/g)	0.48/0.27
Mixing time (min, sec.)	10 seconds
Working time (min, sec.)	2'15"
Net setting time (min, sec.)	2'20"
Setting time (min, sec)	4'35"
Minimum delivery/capsule	0.25 mL
Test conditions: temperature (23 ± 1°C), relative humidity (50 ± 10%). ISO 9917:2003 (Dental water based cements)	

PREPARATION:
Isolate, clean and dry tooth.
Note: Do not dehydrate the tooth. Do not remove the smear layer.
In cases where pulp protection is necessary, use a calcium hydroxide liner.

ACTIVATION OF CAPSULE:
1. Remove a capsule from the foil pack.
2. Push the plunger firmly by hand or on a hard surface, until it is flush with the body of the capsule.
3. **Immediately** place the capsule into the Ultramat 2 amalgamator, or any other high-speed mixer.
4. Triturate for 10 seconds.
5. Immediately remove the capsule and place into the Riva applicator.
Note: The mixing time can be set from 8 –15 seconds on high speed amalgamators such as the Ultramat 2. The shorter the mixing time, the longer will be the working and setting times. Likewise, longer mixing times will shorten them. Avoid pauses between activation, mixing and application, as extrusion from the capsule will be difficult or even impossible as soon as the material starts to set.

CEMENTATION PROCEDURE:
1. Ensure the internal surface of the restoration to be seated is cleaned and dried.
2. Apply approximately 1 mm of cement to the bonding surface.
3. Seat restoration within 30 seconds of completing mix.
Note: Avoid overfilling crowns. Room temperatures above 23°C/73°F will reduce the working time.
4. At the first formation of the gel stage, remove excess cement.
Note: Continued manipulation of the material after the working time will reduce adhesion.

INSTRUCTIONS FOR USE – POWDER/LIQUID KITS

Powder/liquid ratio (g/g) (1 scoop of powder to 2 drops of liquid)	1.8/1.0
Mixing time (min, sec.)	20 sec
Working time (min, sec.)	2'00"
Net setting time (min, sec.)	2'20"
Test conditions: temperature (23 ± 1°C), relative humidity (50 ± 10%). ISO 9917:2003 (Dental water based cements)	

PREPARATION:
Isolate, clean and dry tooth.
Note: Do not dehydrate the tooth. Do not remove the smear layer.
In cases where pulp protection is necessary, use a calcium hydroxide liner.

POWDER-LIQUID DISPENSING AND MIXING:
1. Gently tap the jar. Use the plastic scoop provided, dispense one level measure of powder onto a mixing pad/slab.
Mixing pad type: non-absorbent paper or glass slab
Note: Use a cool glass slab for extended working time
2. Carefully dispense two drops of liquid next to the dispensed powder. Replace cap tightly after use.
3. Add all the powder to the liquid using a plastic spatula. Quickly mix to a homogeneous paste for 20 seconds.
Note: Divide the powder into two equal parts for larger quantities. Mix the

liquid with one part of the powder for 5 seconds, then include the second part and mix for 15 seconds (total 20 seconds).

CEMENTATION PROCEDURE:
1. Ensure the internal surface of the restoration to be seated is cleaned and dried.
2. Apply approximately 1 mm of cement to the bonding surface.
3. Seat restoration within 30 seconds of completing mix.
Note: Avoid overfilling crowns. Room temperatures above 23ºC/73ºF will reduce the working time.
4. At the first formation of the gel stage, remove excess cement.
Note: Continued manipulation of the material after the working time will reduce adhesion.

PRECAUTIONS:
For professional use only.
Keep out of reach of children.
Do not take internally.
Do not inject SDI Riva products.
Do not refrigerate.
Do not remove capsules from their foil packets until ready to use.
Do not use after expiry date.
Do not mix powder or liquid with any other brand of glass ionomer products.
Do not use Riva Luting on any persons having known acrylic acid allergies.

FIRST AID:
Eyes (contact): Open eye and flush thoroughly with water for 15 minutes. Seek medical attention.
Skin (contact): Remove using a cloth or sponge soaked in alcohol. Wash thoroughly with water. Seek medical attention if required.
Ingestion: Rinse mouth thoroughly. Drink water or milk. Seek medical attention if required.

Caution: Federal Law restricts this device to sale by or on the order of a dentist.

STORAGE AND HANDLING
Do not remove Riva Luting capsules from their foil packets until ready to use.
Store at temperatures between 4° and 20°C (39° - 68°F).
Use at room temperature between 20° and 25°C (68° - 77°F).
Shelf life: 2 years and 3 months (capsules), 3 years (powder/liquid system).

Riva Luting Capsules
50 x Riva Luting Capsules
Reorder: 8650008

Riva Luting Powder/Liquid Kits
25g (24.3mL) Riva Luting Liquid Bottle
35g Riva Luting Powder jar
accessories
Reorder: 8650508

Riva Luting Powder refills
35g Riva Luting Powder jar
accessories
Reorder: 8650108

Riva Luting Liquid refills
25g (24.3mL) Riva Luting Liquid Bottle
Reorder: 8650900

Made in Australia by SDI Limited
Bayswater, Victoria 3153
Australia 1 800 337 003
USA & Canada 1 800 228 5166
Brazil 0800 770 1735
Germany 0800 100 5759
France 00800 022 55 734
United Kingdom 00800 022 55 734
Spain 00800 022 55 734
Ireland 01 886 9570
Italy 800 780625
Japan 0120 98 2770
European Union Representative:
Southern Dental Industries Limited
Block 8, St Johns Court
Swords Road, Santry
Dublin 9, Ireland
www.sdi.com.au

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4°-20°C
39°-68°F

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