GLASS Ionomer Luting Cement

VIDRIO Ionomero de Cementacion
Cimento de Ionomero de Vidro
Cement Glasionomerowy
Glas-Ionomer-Befestigungszement
Ciment de Scellement au Verre Ionomere
Cemento Vetro-Ionomerico per Fissaggio
Glasionomer Luting Cement
Glasionomer Tätningscement
Glasionomer Cementeringscement
Lasi-Ionomeerin Tiivistyssementti
Glasionomer Sementeingssement
Yaionomeres Ylilo Sylkollhes
Cam Ionomer Yapistirma Simani
Skloionomeri Temlici Cement
Ionomer de Sticla Pentru Cimentari Definitive
Glac Ionomerh Chipmunt
Skloionomer Ny Fixacinu Cement
Uvegionomer Ragasztó Cement
合着用グラスアイオノマー・セメント
玻璃离子粘接水门汀
Riva Luting has low solubility in the oral environment. This increases the material's ability to resist disintegration and wear caused by oral acidity.

**High fluoride release**
Riva Luting's free movement of fluoride provides benefits to the tooth. Fluoride plays several significant roles in any caries prevention program. These include the formation of fluorapatite, which is more acid resistant than hydroxyapatite. Fluorapatite is very important for tooth remineralisation.

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**Proprietary filler technology**
Riva Luting utilises SDI's proprietary ionglass™ filler developed by our glass technologists. ionglass™ is a radiopaque, high ion releasing, reactive glass used in SDI's range of dental cements. Riva Luting releases substantially higher fluoride to assist with remineralisation of the natural dentition.
Proven antimicrobial effect
Compared to other materials such as fluoride releasing resin cements, Riva Luting has proven antimicrobial activity against three cariogenic bacteria: Streptococcus mutans, Streptococcus sobrinus and Lactobacillus [2].

Setting times
There will be minimal loss of working time when using Riva Luting. With adequate working time and a quick setting property, Riva Luting will shorten chair time and ensures early resistance.

High flexural strength
High flexural strength enhances longevity of a glass ionomer luting cement by withstanding mastication forces. Riva Luting’s high flexural strength increases its durability in the oral environment and long term ability to retain indirect restorations.

Very low film thickness
Riva Luting quickly flows into the preparation. A low film thickness allows the seating of tight fitting indirect restorations.

One simple colour
Riva Luting is available in a universal light yellow shade.

Indications
- 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
- Lining

Instructions
1. Prepare tooth using standard techniques.
2. Ensure the internal surface of the restoration to be seated is cleaned, dried and prepared according to manufacturer’s instructions.
3. Activate the capsule and immediately mix in an amalgamator. Important: Do not click with applicator before you mix.
4. Immediately place into capsule applicator and click trigger until paste is seen through clear nozzle.
5. Gently extrude approximately 1mm of cement onto the bonding surface.
7. Remove excess cement at the first formation of the gel stage. (approx. 2 min from start of mixing)
8. Maintain isolation until set is verified. (approx. 4 minutes, 35 seconds from start of mixing).

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<thead>
<tr>
<th>flexural strength (MPa) (3)</th>
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<tbody>
<tr>
<td>Riva Luting</td>
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<tr>
<td>Fuji I*</td>
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<td>Ketac-Cem*</td>
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Ketac-Cem*
Riva Luting
Fuji I*
0 1 2 3 4 5 6 7
0 10 20 30 µm

0 1 2 3 4 5 6
working time
setting time
(minutes)
Riva Luting Capsules
50 x Riva Luting capsules
Reorder 8650008

Riva Luting Powder/Liquid Kit
35g Riva Luting Powder bottle
25g (24.3mL) Riva Luting Liquid bottle
accessories
Reorder 8650508

Riva Luting Powder/Liquid Triple Pack
3 x 35g Riva Luting Powder bottles
3 x 25g (24.3mL) Riva Luting Liquid bottles
accessories
Reorder 8650510

Riva Luting Powder Refill
35g Riva Luting Powder bottle
accessories
Reorder 8650108

Riva Luting Liquid Refill
25g (24.3mL) Riva Luting Liquid bottle
Reorder 8650900

* Not the registered trademarks of SDI Limited.
** Published and SDI Test Data.
(1) McCabe JF, Al-Nami OT. Fluoride release into water for the Riva GIC products compared with competitor products. University of Newcastle (UK); February 2005
(3) The Dental Advisor. Volume 23, No.2, March 2006

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Spain 00800 022 55 734
United Kingdom 00800 022 55 734
USA & Canada 1 800 228 5166
www.sdi.com.au

Riva Applicator 2
Reorder 5545013
Riva Applicator
Reorder 5545009

CE 0297