

riva self cure



GLASS IONOMER RESTORATIVE MATERIAL

VIDRIO IONOMERO MATERIAL RESTAURADOR

IONÔMERO DE VIDRO PARA RESTAURAÇÕES

CEMENT GLASS-JONOMEROWY DO WYPEŁNIENÍ

GLAS IONOMER-FÜLLUNGSMATERIAL

MATERIAU DE RESTAURATION AU VERRE IONOMERE

MATERIALE VETRO-IONOMERICO PER RESTAURO

GLASIONOMEER RESTAURATIEMATERIAAL

GLASJONOMER FYLLNINGSMATERIAL

GLASIONOMER FYLDNINGSMATERIALE

LASI-IONOMEERI TÄYTEMATERIAALI

GLASSIONOMER FYLLINGSMATERIALE

ΥΑΛΟΪΟΝΟΜΕΡΕΣ ΥΛΙΚΟ ΑΠΟΚΑΤΑΣΤΑΣΗΣ

CAM IONOMER DOLGU MATERYALI

SKLOIONOMERNÝ VÝPLŇOVÝ MATERIÁL

IONOMER DE STICLA AUTOPOLIMERIZABIL, PENTRU
RESTAURARI CORONARE

ГЛАС ЁНОМЕРЕН РЕСТОРАТИВЕН МАТЕРИАЛ

SKLOIONOMERNÝ VÝPLŇOVÝ MATERIÁL

ÜVEGIONOMER TÖMŐANYAG

修復用ガラスアイオノマー

玻璃离子修复材料



SDI

perfectly replicating
nature



riva self cure HV

riva self cure



Most natural shade selection

The T shade range provides higher translucency and better optical properties which blend in well with tooth surroundings and resembles the natural dentition.

Before



After



Ideal for minimally invasive dentistry

Riva Self Cure is the ideal restorative material for use in minimally invasive dentistry (MID) as it is a bioactive material which prevents caries from occurring. Natural tooth structure is preserved, so large cavities and undercuts are not necessary.

Great marginal adaptation

Riva Self Cure is the answer to long term microleakage prevention. Use it as a restorative or a base under permanent restorations. "....self-cured glass ionomer bases were more effective in reducing microleakage in both the occlusal and proximal cavo surfaces than a flowable resin." ⁽¹⁾

Riva Self Cure



Flowable composite



Red dye indicates marginal leakage

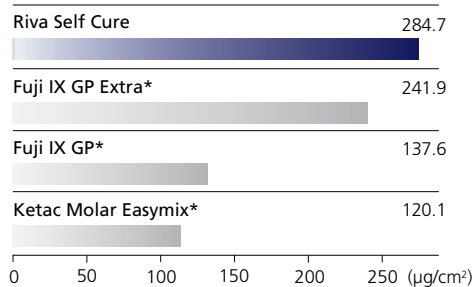
^ Riva Self Cure HV (High Viscosity)

Bioactive proprietary

ionglass™ technology

Riva Self Cure utilizes SDI's proprietary *ionglass™* filler developed by our glass technologists. *ionglass™* is a radiopaque, high ion releasing, bioactive glass used in SDI's range of glass ionomer products. Riva Self Cure releases substantially higher fluoride to assist with remineralization of the natural dentition.

cumulative fluoride release @ 1 year¹



BPA and HEMA Free

Riva Self Cure does not contain Bisphenol A (including it's derivatives) or HEMA. Use this product on your patients with confidence and peace of mind.

Choice of viscosities

Riva Self Cure easily extrudes into the cavity, but for an exceptional packable, high viscosity material, use Riva Self Cure HV. You have a choice.



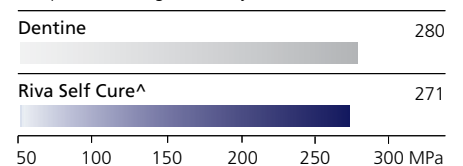
Bulk fill to save time

Riva Self Cure can be bulk filled to minimize chair time.

The strongest dentin replacement

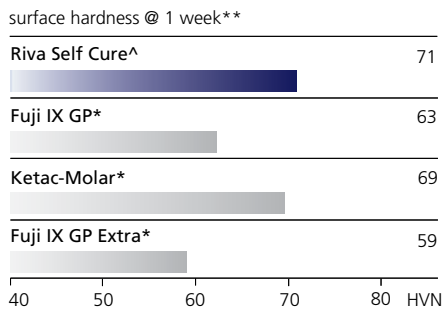
When dentin is missing, use Riva Self Cure to replace it. It is the best dental material available today that virtually mimics dentin. No adhesive is required, and sensitivity is non-existent. Like dentin, Riva Self Cure has a very high compressive strength, ensuring it will withstand long term mastication forces.

compressive strength @ 7 days MPa**



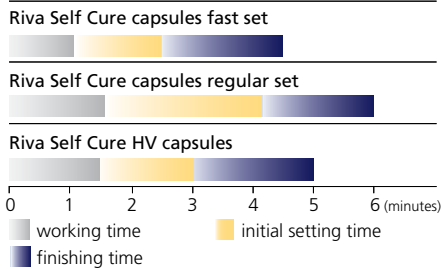
Surface hardness

The greater the surface hardness, the greater the resistance to abrasive wear. Riva Self Cure is a dynamic glass ionomer restorative material that can withstand high penetration of the surface.



Setting times

elapsed time from start of mixing

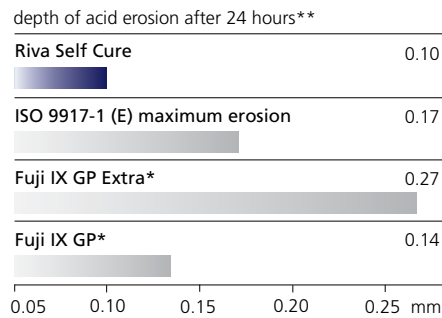


No shrinkage

Riva Self Cure does not contain resin eliminating the problem of volumetric shrinkage after curing. Sensitivity, resulting from microleakage associated with shrinkage does not occur.

Low acid erosion

Riva Self Cure has a very low acid erosion value. This improves the longevity of the restoration, resisting disintegration and wear caused by oral acidity. The ISO Standard dictates that a material cannot have acid erosion of more than 0.17mm.



Indications

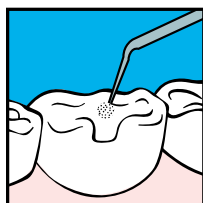
- Non stress bearing Class I and II restorations
- Deciduous teeth restorations
- Geriatric restorations
- Intermediate restorative and base material for Class I and II cavities using the sandwich technique
- Cervical (Class V) restorations
- Core build ups
- Temporary fillings
- Restorative in the field using the ART technique
- Dentin replacement



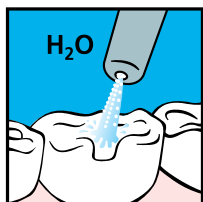
riva self cure/self cure HV

instructions:

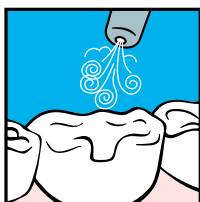
- 1** Isolate tooth, prepare cavity. Apply Riva Conditioner for 10 seconds or Super Etch 37% Phosphoric Acid for 5 seconds.



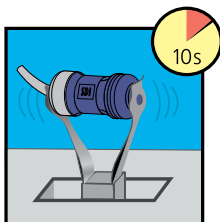
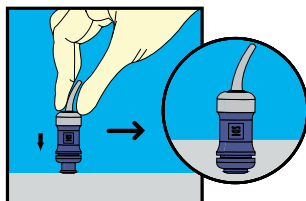
- 2** Wash thoroughly.



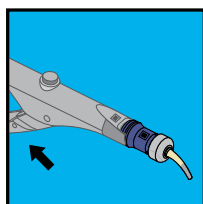
- 3** Remove excess water. Keep moist.



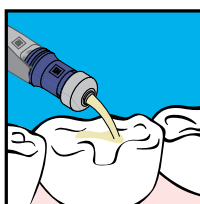
- 4** Activate the capsule and immediately mix in an amalgamator. **Do not click before you mix.**



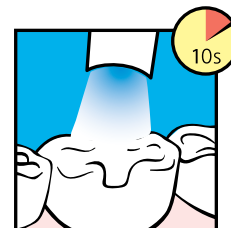
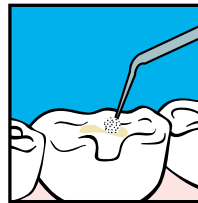
- 5** **Immediately** place into capsule applicator and click trigger until paste is seen through the nozzle.



- 6** Extrude Riva Self Cure into cavity and contour.



- 7** Apply Riva Coat and light cure.

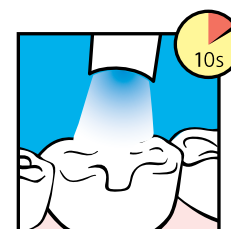
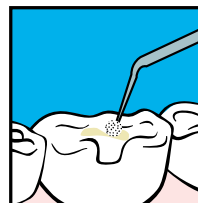


- 8** Commence final finishing under water spray.



Finishing time from start of mixing:
Riva Cure: 6'00"
Riva Self Cure Fast Set: 4'30"
Riva Self Cure HV: 5'00"

- 9** Apply Riva Coat and light cure.





Riva Self Cure Capsules

Regular Set

50 Riva Self Cure Capsules

Reorder

- 8600001 A1
- 8600002 A2
- 8600003 A3
- 8600004 A3.5
- 8600005 A4
- 8600007 B2
- 8600008 B3

Riva Self Cure Capsules

Fast Set

50 Riva Self Cure Capsules

Reorder

- 8605001 A1
- 8605002 A2
- 8605003 A3
- 8605004 A3.5
- 8605005 A4
- 8605007 B2
- 8605008 B3
- 8600011 T-A2
- 8600012 T-A3
- 8600013 T-A3.5

Riva Self Cure Capsule Assorted Kits

10 each of A1, A2, A3, A3.5 and B2 capsules

Reorder

- 8610000 Regular Set
- 8620000 Fast Set

Riva Self Cure HV Capsules

50 Riva Self Cure HV Capsules

Reorder

- 8630001 A1
- 8630002 A2
- 8630003 A3
- 8630004 A3.5



Riva Coat
5mL bottle refill
Reorder 8610001

Riva Conditioner
10mL bottle refill
Reorder 8620001

Riva Self Cure Powder / Liquid Kits

6.9mL (8g) Riva Self Cure Liquid bottle

15g Riva Self Cure Powder bottle

accessories

Reorder

- 8610501 A1
- 8610502 A2
- 8610503 A3
- 8610504 A3.5
- 8610505 A4
- 8610507 B2
- 8610508 B3

9.5mL (11g) Riva Self Cure Liquid bottle

15g Riva Self Cure Powder bottle

accessories

Reorder

- 8610521 T-A2
- 8610522 T-A3
- 8610523 T-A3.5

5.2mL (6g) Riva Self Cure Liquid bottle

10g Riva Self Cure Powder bottle

accessories

Reorder

- 8610612 A2
- 8610613 A3
- 8610614 A3.5

2.6mL (3g) Riva Self Cure Liquid bottle

5g Riva Self Cure Powder bottle

accessories

Reorder

- 8600602 A2
- 8600603 A3
- 8600604 A3.5

Riva Self Cure Liquid Refill

6.9mL (8g) bottle refill

Reorder 8610900

9.5mL (11g) bottle refill

Reorder 8610905 (for T-A2, T-A3, T-A3.5)

Riva Self Cure Powder Refills

15g Riva Self Cure Powder refill

Reorder

- 8610101 A1
- 8610102 A2
- 8610103 A3
- 8610104 A3.5
- 8610105 A4
- 8610107 B2
- 8610108 B3
- 8610121 T-A2
- 8610122 T-A3
- 8610123 T-A3.5



Riva Applicator 2
Reorder 5545013



Riva Applicator
Reorder 5545009



(1) Duong T, Tran L, Perry R, Kugel G (2007). Microleakage testing in vitro using three different bases under composites. Special Issue of the Journal of Dental Research. Abstract #0366.

(2) Shiozawa M, Takahashi H, Iwasaki N; Fluoride Release and Mechanical Properties After 1-Year Water Storage of Recent Restorative Glass Ionomer ; Clinical Oral Invest; DOI 10.1007/s00784-013-1074-4, 2013.

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** Published and SDI Test Data.



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