

now
available
in high
viscosity

riva self cure

GLASS IONOMER RESTORATIVE MATERIAL

GLAS IONOMER-FÜLLUNGSMATERIAL

IONÔMERO DE VIDRO PARA RESTAURAÇÕES

VIDRIO IONOMERO MATERIAL RESTAURADOR

MATERIAU DE RESTAURATION AU VERRE IONOMERE

MATERIALE VETRO-IONOMERICO PER RESTAURO

GLASIONOMEER RESTAURATIEMATERIAAL

GLASIONOMER FYLDNINGSMATERIALE

GLASSIONOMER FYLLINGSMATERIALE

ΥΑΛΟΪΟΝΟΜΕΡΕΣ ΥΛΙΚΟ ΑΠΟΚΑΤΑΣΤΑΣΗΣ

修復用ガラスアイオノマー

玻璃離子修復材



SDI

the tooth remineralizing
restorative



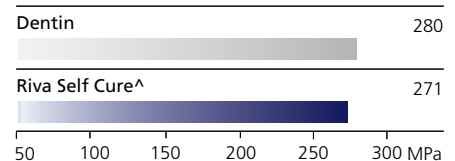
riva self cure HV riva self cure



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**



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.

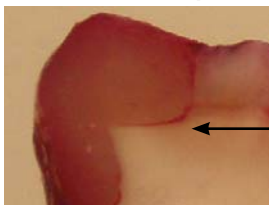
Great marginal adaptation

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

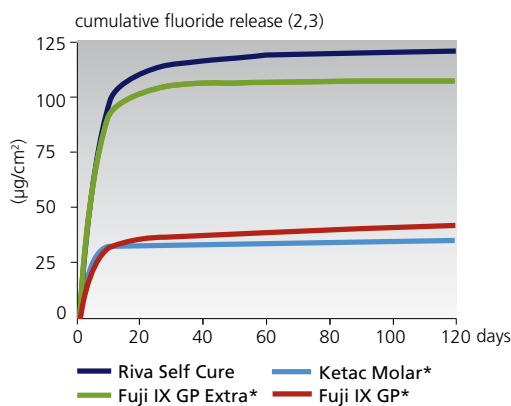


Red dye indicates marginal leakage

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.



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.



BPA and HEMA Free

Riva Self Cure does not contain Bisphenol A (including its 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.

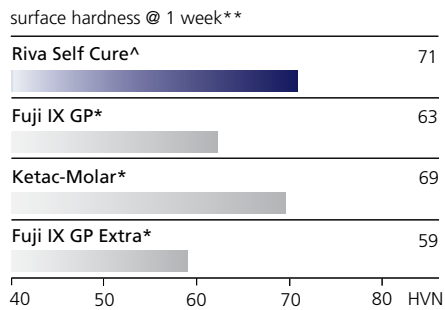
Bulk fill to save time

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

^ Riva Self Cure HV (High Viscosity)

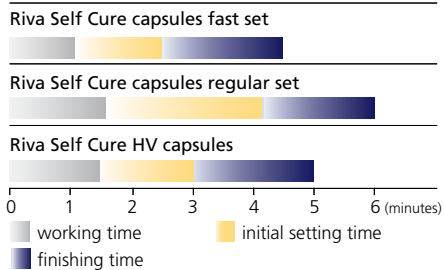
Surface hardness

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



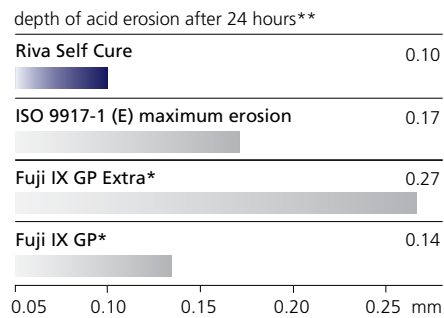
Setting times

elapsed time from start of mixing



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

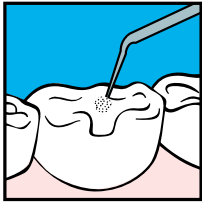
- Non stress bearing Class I and II restorations
- Deciduous teeth restorations
- Geriatric restorations
- Intermediate restorative and base material for Class I and II cavities using the sandwich technique
- Cervical (Class V) restorations
- Core build ups
- Temporary fillings
- Restorative in the field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



riva self cure/self cure HV

instructions:

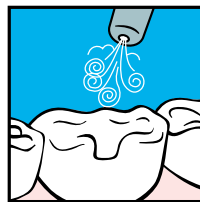
- 1** Isolate tooth, prepare cavity. Apply Riva Conditioner for 10 seconds or Super Etch 37% Phosphoric Acid for 5 seconds.



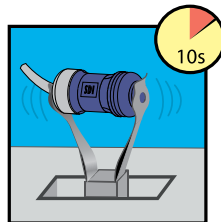
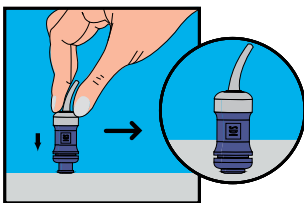
- 2** Wash thoroughly.



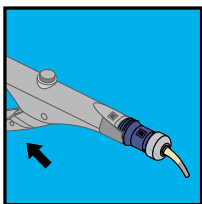
- 3** Remove excess water. Keep moist.



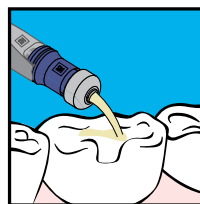
- 4** Activate the capsule and immediately mix in an amalgamator.



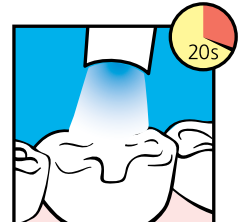
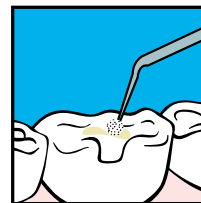
- 5** Immediately place into capsule applicator and click trigger until paste is seen through the nozzle.



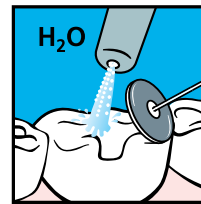
- 6** Extrude Riva Self Cure into cavity and contour.



- 7** Apply Riva Coat and light cure.

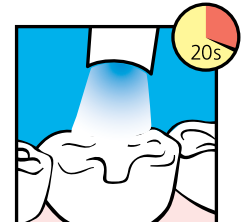
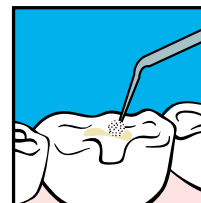


- 8** Commence final finishing under water spray.



Finishing time from start of mixing:
 Riva Self 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

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 jar
accessories

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

5.2mL (6g) Riva Self Cure Liquid bottle
10g Riva Self Cure Powder jar
accessories
Reorder
8610612 A2
8610613 A3
8610614 A3.5

2.6mL (3g) Riva Self Cure Liquid bottle
5g Riva Self Cure Powder jar
accessories
Reorder
8600602 A2
8600603 A3
8600604 A3.5

Riva Self Cure Liquid Refill

6.9mL (8g) bottle refill
Reorder 8610900

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



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) McCabe JF, Al-Naimi OT. Fluoride Release into Water for the Riva GIC Products compared with Competitor Products. University of Newcastle (UK). February 2005
(3) McCabe JF, Al-Naimi OT. Fluoride Release of Two SDI Products with Two Competitor Product. University of Newcastle (UK). December 2007
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** Published and SDI Test Data.



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