



# RIVA LIGHT CURE RIVA LIGHT CURE HV

LIGHT CURED RESIN REINFORCED GLASS IONOMER RESTORATIVE MATERIAL

NOW WITH  
EASY  
ACTIVATION  
CAPSULE

THE MULTI  
AWARDED  
EASY HANDLING  
GLASS IONOMER



RIVA LIGHT CURE HV AWARDS



# THE IONGLASS LONG TERM BREAKTHROUGH



Drawing on 50 years of dental research experience, SDI's **ionglass™** filler was developed specially for Riva and is manufactured in Australia by our glass experts.

The **ionglass™** technology mimics the natural tooth structure so that restorations will withstand long term mastication forces and patients will be satisfied with the treatment.

## WITH IONGLASS

Riva Light Cure (Riva LC) and Riva Light Cure HV (Riva LC HV) contain **ionglass™** filler, made of a unique blend of different sizes of ultrafine highly reactive glass particles.

The **ionglass™** filler contains fluoride and strontium ions which synergistically enhance tooth bioremineralisation.

[Source: Thuy et al. Arch Oral Biol. 2008 Nov; 53(11):1017-22]

## RIVA LIGHT CURE AND RIVA LIGHT CURE HV MIMIC TEETH

Riva Light Cure and Riva Light Cure HV **ionglass™** biomimetic technology mimics dentine's hydrophilic characteristic. It also mimics translucency and opacity of dentine and enamel, for a beautiful natural-looking restoration.

Riva Light Cure and Riva Light Cure HV replace dentine and bond chemically to the tooth. No etching or adhesive is required, dramatically reducing the risk of sensitivity.

## HIGH FLEXURAL STRENGTH

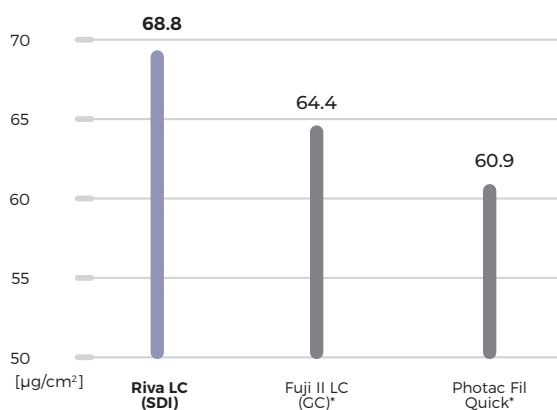
Riva Light Cure and Riva Light Cure HV with **ionglass™** biomimetic technology ensures very high flexural strength, for long term restorations that will withstand mastication forces without cracking. The high flexural strength also makes Riva Light Cure and Riva Light Cure HV the material for minimally invasive treatments, cervical erosions/abfraction lesions, class V restorations and as a base or liner.

## HIGH FLUORIDE RELEASE

The extra strong matrix provides great fluoride release. This increases the chances that Riva Light Cure restorations will be free of caries, while having very low wear.

Research shows that Riva Light Cure has the highest cumulative fluoride release at 6 weeks<sup>†</sup>. With Riva Light Cure, patients receive long term restorations every time, increasing their satisfaction with the treatment provided by the dentist.

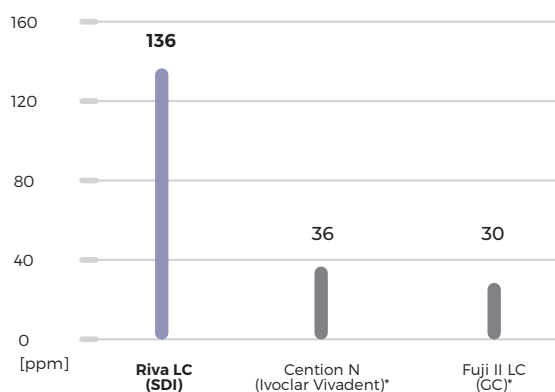
### FLEXURAL STRENGTH AT 1 WEEK



Source: Al-Naimi OT, Lopes MB, McCabe JF, Prentice LH. Flexural Strength of Resin-Modified Glass-Ionomer cements (RMGICs). Brisbane (Australia); June 2006.

\*Not a registered trademark of SDI.

### FLUORIDE RELEASE AT 6 WEEKS



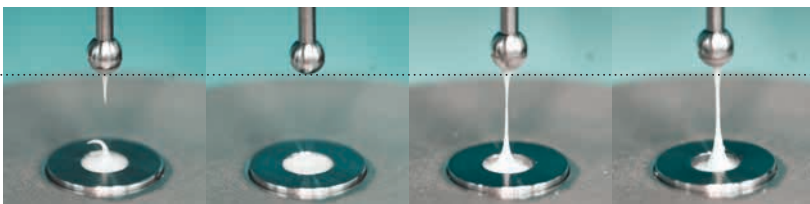
<sup>†</sup>Source: PANPISUT, P. and TONELUCK, A. Monomer conversion, dimensional stability, biaxial flexural strength, and fluoride release of resin-based restorative material containing alkaline fillers. DENTAL MATERIALS JOURNAL, 2020.

\*Not a registered trademark of SDI.

# HANDLING

This restorative does not pluck, saving you time and maintaining placement integrity, especially when restoring upper teeth.

Riva Light Cure and Riva Light Cure HV offer quick placements in patients with easy handling and low stickiness.



Riva LC (SDI)

Riva LC HV (SDI)

Fuji II LC (GC)\*

Photac Fill (3M)\*

Source: Internal test data Nov 2020

\*Not a registered trademark of SDI.

# VISCOSITY

Riva Light Cure is available in two viscosity options to suit your placement preferences.



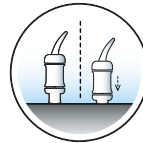
REGULAR

HV HIGH VISCOSITY

# EASY ACTIVATION

The new Easy Activation capsules are now 70% easier to activate than previous generation capsules.~ This saves you time and effort when preparing a restoration.

~Source: Internal test data



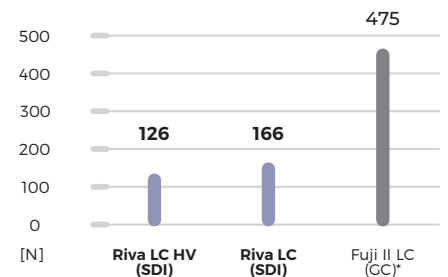
# EASIER EXTRUSION

Riva Light Cure and Riva Light Cure HV are 70% easier to extrude~ than previous generation capsules. Giving you more stability and control when placing restorations.

~Source: Internal test data



# AVERAGE EXTRUSION FORCE



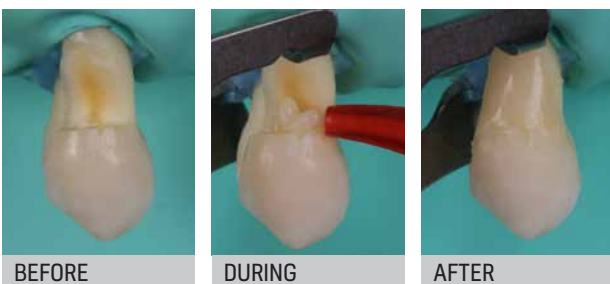
†Source: Internal test data Nov 2020

\*Not a registered trademark of SDI.

» The Discipline of Paediatric Dentistry at the Faculty of Dentistry of USP has been transformed for the better after it introduced Riva products to its undergraduate clinic. The capsule tips and easy placement ability ensure that restorations are performed faster and with fewer errors. «

**Dr Daniela P. Raggio,**

Associate Professor - University of Sao Paulo, Editor in Chief International Journal of Paediatric Dentistry (UK)



Riva Light Cure HV. Photos courtesy of Dr Marcelo Alves & Dr Alvaro Junqueira - Brazil

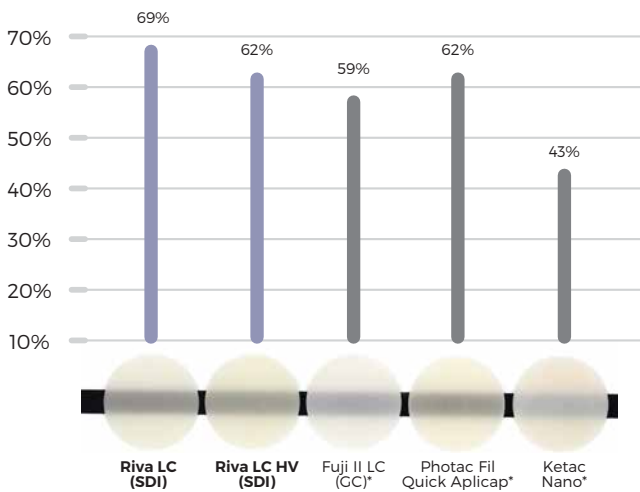


Riva Light Cure HV. Photos courtesy of Dr Marcelo Alves & Dr Alvaro Junqueira - Brazil

# TOOTH LIKE AESTHETICS

## TRANSLUCENCY

Riva Light Cure and Riva Light Cure HV are formulated to give you highly aesthetic results.<sup>†</sup> High translucency combined with chameleon effect provides tooth like aesthetics.



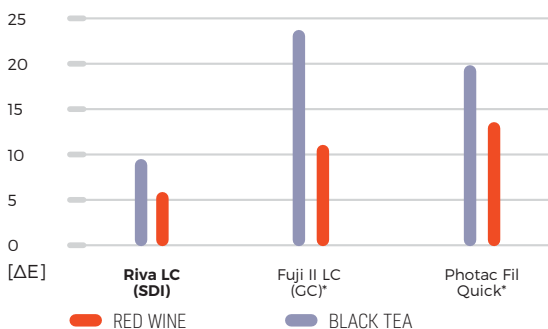
<sup>†</sup>Source: Published and SDI Test Data.

\*Not a registered trademark of SDI.

## COLOUR STABILITY

Riva Light Cure has resistance to common stains such as black tea and red wine. Riva Light Cure outperforms other solutions by 50%<sup>†</sup>, ensuring your patients have brighter and natural, whiter smiles for longer.

### COLOUR CHANGE AT 1 WEEK



<sup>†</sup>Source: Published and SDI Test Data.

\*Not a registered trademark of SDI.

» This product works so much better than other RMGIs I have used; it is so easy to place, flows well, sculpts and finishes beautifully. «

**Riva Light Cure HV evaluator comment -  
The Dental Advisor, USA 2020**



BEFORE



AFTER

Riva Light Cure HV.  
Photos courtesy of Dr Geoff Knight - Australia

## A RESTORATIVE WITH BROAD INDICATIONS



### RIVA LIGHT CURE INDICATIONS FOR USE

- ✓ Minimal Class I, II, and III restorations
- ✓ Class V restorations
- ✓ Deciduous teeth restorations
- ✓ Geriatric restorations
- ✓ Core build-ups
- ✓ Root surface restorations
- ✓ As a base or liner
- ✓ Pit and fissure sealant
- ✓ Semi-permanent fillings

### RIVA LIGHT CURE HV INDICATIONS FOR USE

- ✓ Minimal Class I restorations
- ✓ Non-functional Class II restorations
- ✓ Class V restorations
- ✓ Deciduous teeth restorations
- ✓ Geriatric restorations
- ✓ Partial core build-ups
- ✓ Root surface restorations
- ✓ As a base using the Sandwich Technique
- ✓ Temporary fillings

# LONG TERM RESTORATIVE

Riva Light Cure and Riva Light Cure HV restoratives have restored the smiles of over 35 million people across 100 countries.\*

Using award winning patented **ionglass™** technology, Riva Light Cure and Riva Light Cure HV have earned their reputation through aesthetics, strength and handling.

\*SDI internal data 2011 - 2022



RIVA LIGHT CURE HV

## LIGHT SAFE TIP

Riva Light Cure and Riva Light Cure HV capsules have transparent orange nozzles. The orange tint protects the paste from prematurely curing under operating light in between placements.

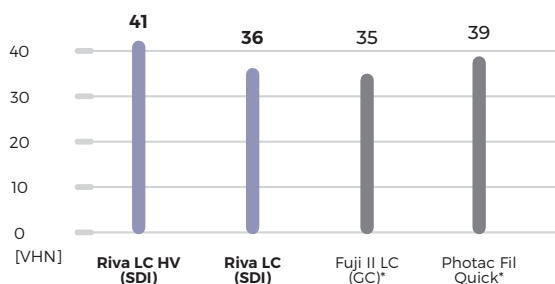
## LONG TERM ACID RESISTANCE

The **ionglass™** technology stimulates the biomineralisation of dentine by over saturating the minerals in its organic matrix. The result is the formation of fluorapatite crystals, which are more resistant to acid attacks than the natural tooth, benefiting patients during bacterial and acidic challenges.†

The surface hardness of resin-reinforced glass ionomer cements means good long term wear resistance. The greater the surface hardness, the greater the resistance to permanent surface indentation.

†Thomas Faidt et al. 2018. Effect of Fluoride Treatment on the Acid Resistance of Hydroxyapatite. Langmuir 34(50).

### SURFACE HARDNESS AT 24 HOURS



Source: Internal test data Nov 2020

\*Not a registered trademark of SDI.

» Dr Gordon Christensen\* listed RIVA LC HV as one of his personal preferences for resin-modified ionomers. «

Published first in DENTAL ECONOMICS - February 2021 - Ask Dr. Christensen - The best pediatric dental restorations

**GORDON J. CHRISTENSEN, DDS, PhD, MSD** is founder and CEO of Practical Clinical Courses and co-founder and CEO of Clinicians Report.

## BPA FREE

Riva Light Cure and Riva Light Cure HV are BPA-free, making it a safer option for you and your patients.



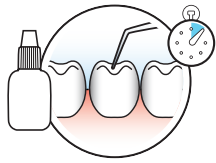
## 11 SHADES

Riva Light Cure offers ten classic shades and a bleach shade, suitable for whitened or deciduous teeth.

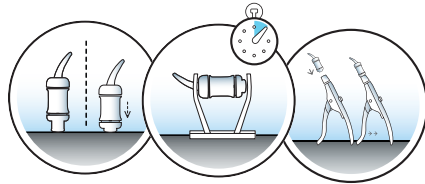
» Being a light cured material, I had plenty of time to manipulate and contour. «

**Riva Light Cure HV evaluator comment - The Dental Advisor, USA 2020**

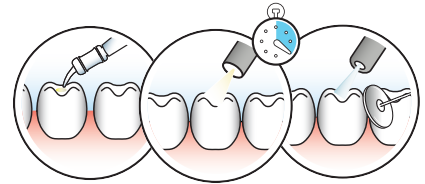
# INSTRUCTIONS<sup>^</sup>



**1** Prepare cavity and isolate the tooth. Apply Riva Conditioner for 10 seconds, wash and remove excess water.



**2** Activate the Riva Light Cure or Light Cure HV capsule and mix it in a triturator for 10 seconds, before placing it into the applicator.



**3** Apply 2mm increments, light curing for 20 seconds each. Polish under water spray.

<sup>^</sup> For powder and liquid instructions, please refer to Instructions for Use



## CAPSULES

### Riva Light Cure Capsules

50 Riva Light Cure capsules

A1	8700001
A2	8700002
A3	8700003
A3.5	8700004
A4	8700005
B2	8700007
B3	8700008
B4	8700010
C2	8700012
C4	8700014
Bleach	8700016

### Riva Light Cure Capsule Assorted Kit

10 each of A1, A2, A3, A3.5 and B2 capsules 8710000

### Riva Light Cure HV Capsules

50 Riva Light Cure HV capsules

A1	8730001
A2	8730002
A3	8730003
A3.5	8730004
B1	8730006

## POWDER AND LIQUID

### Riva Light Cure Powder / Liquid Kits

8g (7.2mL) Riva Light Cure Liquid bottle  
15g Riva Light Cure Powder bottle  
Accessories

A1	8700501
A2	8700502
A3	8700503
A3.5	8700504

### Riva Light Cure Powder / Liquid Kits

3g (2.7mL) Riva Light Cure Liquid bottle  
5g Riva Light Cure Powder bottle  
accessories

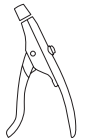
A2	8700517
A3	8700518



## ACCESSORIES

Riva Conditioner  
10mL bottle refill

8620001



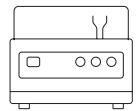
## APPLICATORS

Riva Applicator

5545009

Riva Applicator 2

5545013



## EQUIPMENT

Ultramat 2

High speed multi-use triturator

Ultramat S

High speed multi-use triturator

Radii Xpert

LED curing light

5600300



YOUR SMILE. OUR VISION.



01/2025

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