SDI | RIVA CEM AUTOMIX

RESIN MODIFIED GLASS IONOMER LUTING CEMENT

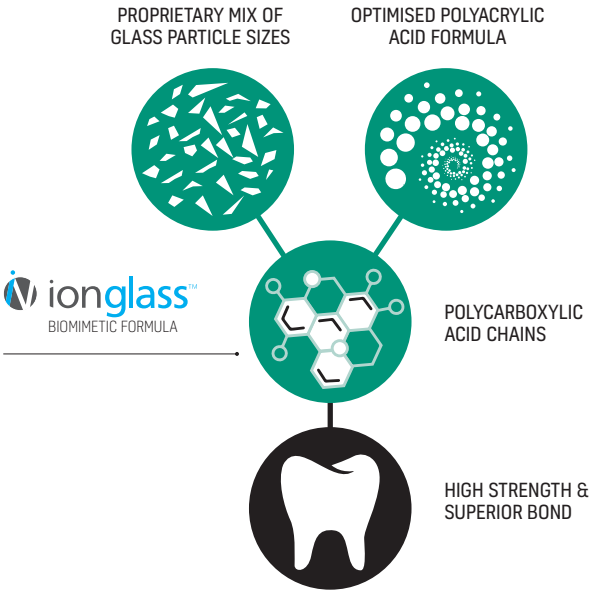
SUPERIOR BOND, HIGH STRENGTH AND LESS WASTE

ionglass™
BIOMIMETIC FORMULA

REVOLUTIONARY *IONGLASS™* TECHNOLOGY

Riva Cem Automix features SDI's revolutionary ***ionglass™*** technology. This unique blend of different sized reactive glass particles harnesses ion-release to cross-link polycarboxylic acid chains. This focused ion release gives Riva Cem Automix a clinically higher strength, superior bond and more stable aesthetic properties.

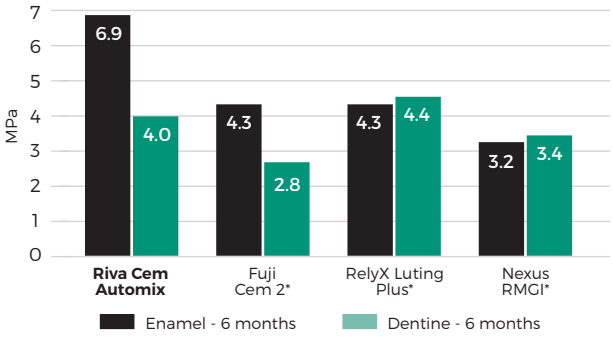
Riva Cem Automix is a self-curing, radiopaque, fluoride releasing paste/paste resin modified glass-ionomer luting cement. It is indicated for the permanent cementation of metal and ceramic restorations. The automix tip attachment offers convenience over traditional hand mixed cement systems.



SUPERIOR BOND STRENGTH

Reliable adhesion to tooth structure is important for long term retention of cement restorations. Riva Cem Automix shows excellent bond strength to enamel and dentine in an external study conducted over a 6 month period. **(Fig 1)**

Enamel & dentine - bond strength after 6 months



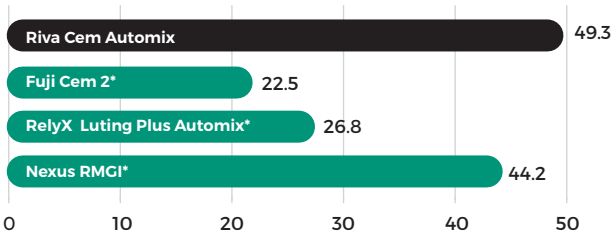
(Fig 1) *Not a registered trademark of SDI.

Study: In vitro properties of different resin-modified glass-ionomer cements
Prof. Dr. Alessandro Loguercio and Alessandra Reis (Brazil)

HIGHEST FLEXURAL STRENGTH

A high flexural strength enhances the longevity of a cement restoration by better withstanding mastication forces. Riva Cem Automix has high flexural strength which increases its durability in the oral environment. **(Fig 2)**

Flexural Strength (MPa)



(Fig 2)

Source: SDI Internal data
*Not a registered trademark of SDI.

CLINICAL CASE

Photos courtesy:
Dr Yassine Harichane (FRANCE)

1. Initial presentation.

2. Riva Cem Automix showing ideal consistency after extrusion.

3. Seat the zirconia crown. Excess cement removed easily by light tack cure.

4. Final restoration.

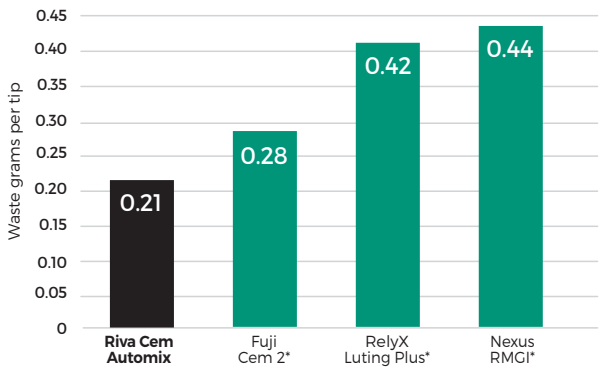
LESS WASTE.
LEADING COLOUR STABILITY

50 YEARS DENTISTRY SCIENCE

LESS CEMENT WASTE

Riva Cem Automix offers more tips than any other leading cement. Each supplied tip has less waste than other cements, providing you with more material for more patients. **(Fig 3)**

Cement tip waste comparison



(Fig 3)

Source: SDI Internal data
*Not a registered trademark of SDI.

EASY REMOVAL OF EXCESS CEMENT

Riva Cem Automix has a light tack cure option for easy removal of excess cement. Simply light tack cure any excess material for 5 seconds with an LED curing light. Then gently remove excess material. Alternatively, excess material can be removed after the self curing phase (1 min 30 seconds).

KEY FEATURES

- Superior bond (enamel & dentine)
- Highest flexural strength
- More tips / less tip waste
- The best long term aesthetics
- Light tack cure option
- Sustained fluoride release
- BPA free
- Shade: light yellow

SUPERIOR BOND STRENGTH

LIGHT TACK CURE FOR EASY REMOVAL OF EXCESS CEMENT

SUSTAINED FLUORIDE RELEASE

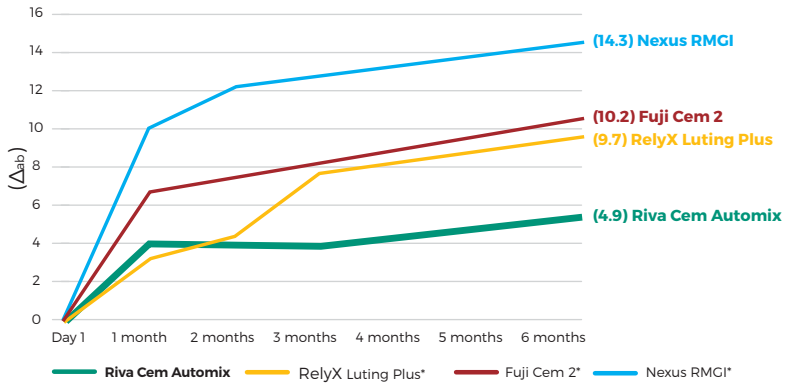
BPA FREE

THE BEST LONG TERM AESTHETICS

Colour changes within luting materials can clinically affect the aesthetic appearance of a prosthesis. It is important to choose a dental cement which has the least colour change over time. External tests have confirmed that after 6 months of water storage, Riva Cem Automix has the best in class colour stability.

Study: In vitro properties of different resin-modified glass-ionomer cements Prof. Dr. Alessandro Loguercio and Alessandra Reis (Brazil)

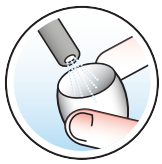
Cement colour change over time



(Fig 4)

*Not a registered trademark of SDI.

CEMENTATION PROCEDURE

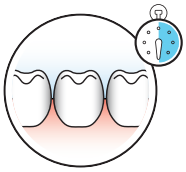


1 Ensure the internal surface of the restoration to be seated is cleaned, dried and prepared according to manufacturer's instructions.

2 Apply cement to the restoration. Seat the restoration.

3 Light tack cure any excess material for 5 seconds per surface using a high power LED curing light (Radii Xpert, SDI Limited).

4 Gently remove excess material using a scaler or explorer.



5 Make sure the restoration is seated for 5 min.

Note: Excess can also be removed during self curing gel stage (when cement feels rubbery), after 1 min 30 seconds.

INDICATIONS FOR USE

Permanent cementation of:

INDICATED MATERIAL	TYPE OF RESTORATION
PFM	Crowns & bridges
Prefabricated/Cast	Posts
Metals	Crown, bridges, inlays, & onlays, orthodontic appliances & posts
Ceramics (high strength)[1]	Crowns & bridges, inlays & onlays
Ceramics (low strength)[1,2]	Inlays

[1] High strength ceramics, e.g. Zirconia, Lithium Disilicate
[2] Low strength ceramics, e.g. Feldspathic Porcelains, Glass Ceramics

ORDER DETAILS

RIVA CEM AUTOMIX SYR KIT	
2 x Riva Cem Automix syringe (4gm) 16 mixing tips	8800703

TIPS	
Riva Cem Automix mixing tips (bag of 50)	8800704

CLINICAL TIP: Riva Cem Automix can be light tack cured using the Radii Xpert for easy removal of excess cement.
Radii Xpert is a professional LED curing light which has interchangeable heads as well as target assist precision curing that enables you to position before curing. Achieve a predictable cure, every time with Radii Xpert.

SDI | RADII XPERT
PROFESSIONAL LED CURING LIGHT

SDI | YOUR SMILE. OUR VISION.

CE 0297

M870053 B 11/2023
+D036M87005314

MADE IN AUSTRALIA
by SDI Limited
Bayswater, Victoria 3153
Australia 1800 337 003
www.sdi.com.au

AUSTRALIA 1800 337 003
AUSTRIA 00800 0225 5734
BRAZIL 0800 770 1735
FRANCE 00800 0225 5734
GERMANY 0800 100 5759
ITALY 00800 0225 5734
NEW ZEALAND 0800 808 855
SPAIN 00800 0225 5734
UNITED KINGDOM 00800 0225 5734
USA & CANADA 1 800 228 5166