



# RIVA PROTECT

GLASS IONOMER FISSURE AND TOOTH PROTECTOR

THE ULTIMATE  
GLASS  
IONOMER  
SURFACE  
PROTECTOR



# THE ULTIMATE GLASS IONOMER SURFACE PROTECTOR, SEALANT AND LINER

## ACP TECHNOLOGY

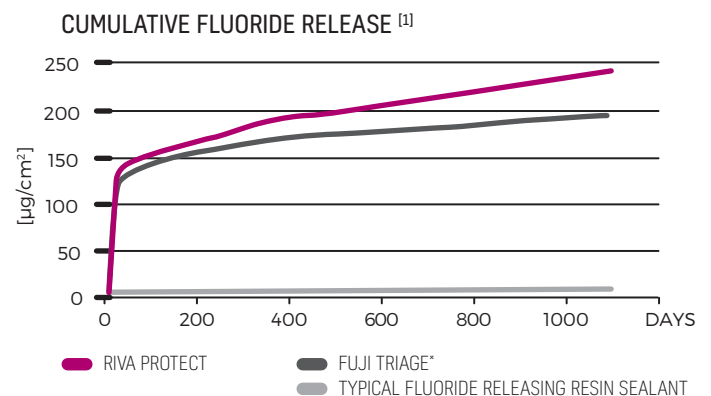
ACP (amorphous calcium phosphate) is a nanoparticle filler additive that can be easily absorbed by the tooth structure. ACP supercharges the natural remineralisation effects of glass ionomer cements. ACP is made from the same materials as natural tooth enamel, but is in a form that makes it easy to be absorbed. ACP adds extra calcium and phosphate to the tooth interface, which combines with fluoride from the glass in Riva Protect to reform the natural tooth structure!

**LOW**  
VISCOSITY



## SUBSTANTIALLY HIGHER FLUORIDE

Riva Protect 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 Protect releases substantially higher fluoride to assist with remineralisation of the natural dentition.



# ENHANCE REMINERALISATION

THE UNIQUE NANOTECHNOLOGY FILLER ADDITIVE IN RIVA PROTECT, ACP (AMORPHOUS CALCIUM PHOSPHATE  $[Ca_3(PO_4)_2]$ ) FURTHER ENHANCES REMINERALISATION.

## GREAT PROTECTOR FOR PARTIALLY ERUPTED TEETH

Riva Protect immediately guards the pits, fissures and tooth surfaces of partially erupted teeth from caries development. These teeth are the most vulnerable and moisture control can be difficult.

**BPA &  
HEMA**  
FREE

## PERFECT FOR CARIES-CHALLENGED PATIENTS

Riva Protect is the ideal product for caries-challenged patients - it adheres directly to the tooth, strengthens the underlying tooth structure and effectively seals the tooth from harmful bacteria and acids.

## SELF ADHESIVE

Like all glass ionomer cements, Riva Protect chemically bonds to the tooth surface without the need of an adhesive.

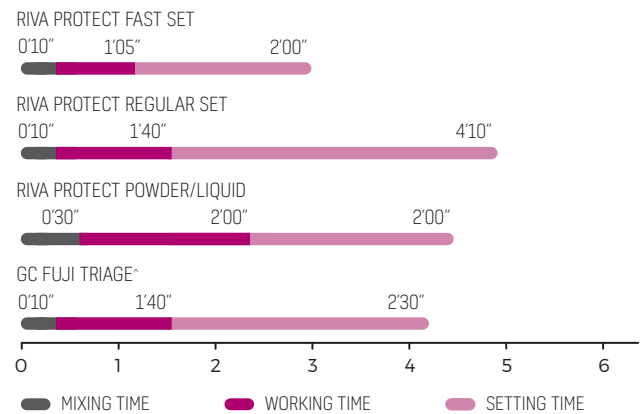
## MOISTURE TOLERANT

Riva Protect can be placed in a moist or dry environment. Unlike when using resin sealants, moisture control is not an issue.

## SETTING TIMES

The capsules are available in regular or fast setting times. The powder / liquid sets are available in regular set.

### SETTING TIMES



# LOW VISCOSITY

## LOW VISCOSITY

The ideal low viscosity allows Riva Protect to quickly flow over surfaces and penetrate deeply into pits and fissures. A recognised cause of pit and fissure sealant failure is an inability to seal. The tight seal and self adhesive nature of Riva Protect optimises retention and eliminates the space required for bacteria to grow.

## SPECIAL INDICATIONS

With its superb fluoride releasing and remineralisation abilities, Riva Protect is fabulous for use as a liner. For orthodontists, this is a great material for bite openings.



RIVA PROTECT PINK AND WHITE SHADES USED AS A LINER UNDER AMALGAM AND COMPOSITE RESPECTIVELY.

## PINK OR WHITE

Riva Protect is available in pink or white shades. Some clinicians prefer a white shade for a more natural looking restoration. Others prefer to be able to identify the material easily after the restoration has been placed.

PINK



WHITE



## ADVANTAGES

Chemically adheres to tooth structure

BPA & HEMA free

ACP nanotechnology

- supercharges remineralisation

Super high fluoride releasing and recharging ability

Assists in arresting and preventing caries - fluoride recharging and releasing

Works in a moist environment - indicated for partially erupted teeth and challenging patients

Low viscosity for easy placement and pit/fissure penetration

Radiopaque

## INDICATIONS

Pit and fissure sealing

Root / tooth surface protection

Hypersensitivity prevention

Temporary fillings

Temporary endodontic fillings

Lining

Bite openings (for orthodontists)

BEFORE



PINK SHADE SHOWN

AFTER



BEFORE



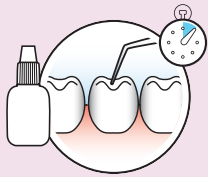
WHITE SHADE SHOWN

AFTER

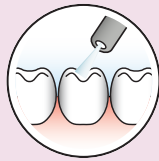


# INSTRUCTIONS FOR CAPSULES<sup>^</sup>

- 1** Apply Riva Conditioner for 10 seconds.



- 2** Wash thoroughly.

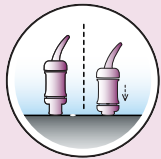


- 3** Remove excess water. Keep moist.

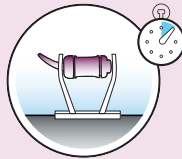


- 4** Activate the capsule and immediately mix in a triturator OR mix the powder/liquid combination on a mixing pad. Do not click before you mix.

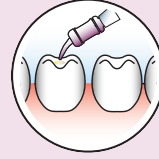
Press capsule down to click.



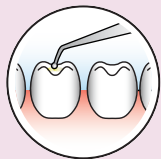
Ten seconds in a triturator.



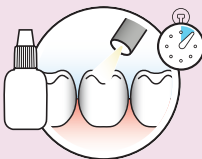
- 5** Apply Riva Protect to tooth surface.



- 6** Spread the material onto tooth surface.



- 7** When the material has lost its surface gloss, apply a thin film of Riva Coat. Light cure for 10 seconds.



- 8.1** Final finishing under water spray using standard techniques can begin approximately 3 minutes for fast set after start of mixing.



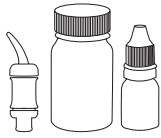
OR

- 8.2** Five minutes for regular set.



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

# ORDER DETAILS



## CAPSULES, POWDER AND LIQUID

<b>Riva Protect Capsules</b>	
Regular Set	
50 x Riva Protect Capsules	
Pink	8680000
White	8690000
<b>Riva Protect Capsules</b>	
Fast Set	
50 x Riva Protect Capsules	
Pink	8685000
White	8695000



## APPLICATORS

Riva Applicator	5545009
Riva Applicator 2	5545013



## ACCESSORIES

Riva Coat	8610001
5mL bottle refill	
Riva Conditioner	8620001
10mL bottle refill	

\* Fuji Triage is not the registered trade mark of SDI Limited.

\*\* Published and SDI Test Data.

[1] McCabe JF, Al-Naimi OT. Fluoride release of three Riva GI Products Compared with that of a competitor product (Third year report). University of Newcastle [UK]; June 2008. NOTE: "Typical fluoride releasing resin sealant" value is SDI Test Data.



YOUR SMILE. OUR VISION.



MADE IN AUSTRALIA  
by SDI Limited  
3-15 Brunsdon Street,  
Bayswater, Victoria 3153  
[www.sdi.com.au](http://www.sdi.com.au)

**AUSTRALIA** 1800 337 003  
**AUSTRIA** 00800 022 55 734  
**BRAZIL** 0800 770 1735  
**FRANCE** 00800 022 55 734  
**GERMANY** 0800 100 5759

**ITALY** 00800 0225 5734  
**NEW ZEALAND** 0800 808 855  
**SPAIN** 00800 022 55 734  
**UNITED KINGDOM** 00800 022 55 734  
**USA & CANADA** 1 800 228 5166