



# RIVA LUTING PLUS

RESIN REINFORCED GLASS IONOMER CEMENT

EXCEPTIONAL  
BOND  
STRENGTHS



# RESIN REINFORCED GLASS IONOMER LUTING CEMENT

Riva Luting Plus is a resin modified, self curing, glass ionomer luting cement, designed for final cementation of metal, PFM and resin crowns, bridges, inlays and onlays plus ceramic inlays and crowns. Riva Luting Plus chemically bonds to dentine, enamel and all types of core material.

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



## 10µM

LOW FILM THICKNESS

## BPA FREE

# 1

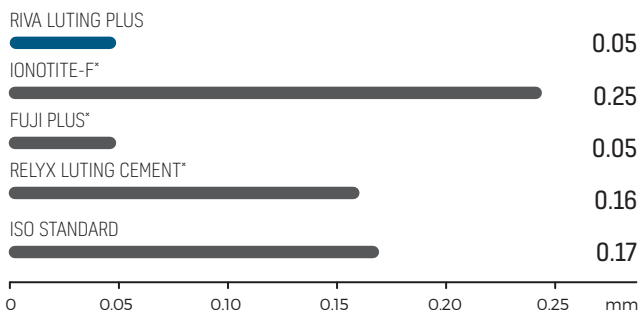
SIMPLE COLOUR



## CLINICALLY INSOLUBLE

Riva Luting Plus is clinically insoluble when set. It 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.

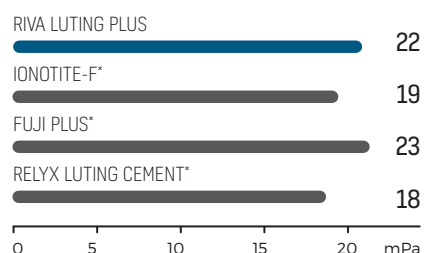
### DEPTH OF ACID EROSION



## FLEXURAL STRENGTH

Ensuring reduced cracking and failure in flexion, Riva Luting Plus' high flexural strength ensures longevity of the restoration.

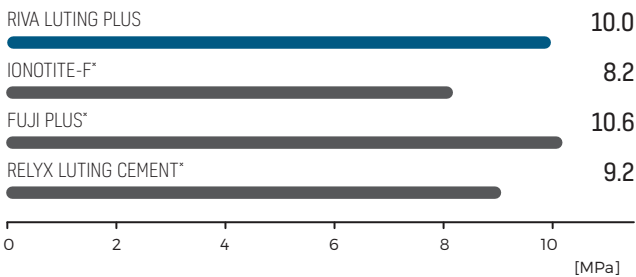
### FLEXURAL STRENGTH\*\*



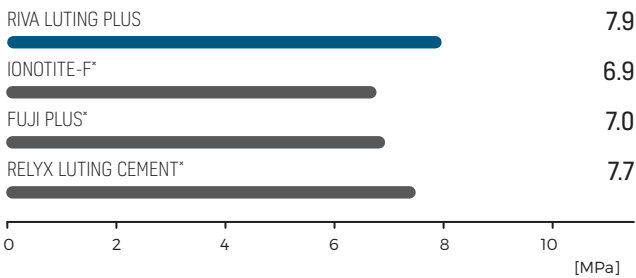
## HIGH BOND STRENGTHS

Adequate adhesion to human tooth structure is important for long term retention of restorations. Riva Luting Plus has excellent adhesion to dentine and zirconia. It is great for luting ceramic crowns and inlays.

### DENTINE - SHEAR BOND STRENGTH\*\*



### ZIRCONIA - SHEAR BOND STRENGTH\*\*



## ADVANTAGES

Chemically adheres to tooth structure and metal substrates

BPA & HEMA free

Very low film thickness - flows easily between restoration and tooth

Easy to clean up

Low water solubility  
- increased longevity and aesthetics

High bond strengths

High fluoride releasing and recharging ability

Bioactive proprietary *ionglass™* technology - high ion exchange

Great for PFM crowns, metal posts, orthodontic bands, implants

Light yellow shade

## INDICATIONS

Cementation of resin, metal, or porcelain fused to metal inlays, onlays, bridges and crowns

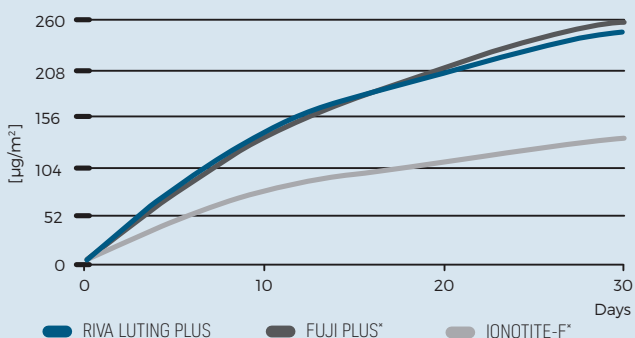
Cementation of ceramic inlays and crowns

Cementation of pins, posts and screws

## HIGH FLUORIDE RELEASE

Due to Riva Luting Plus's *ionglass™* filler, it releases substantially higher fluoride to assist with remineralisation of the natural dentition.

### CUMULATIVE FLUORIDE RELEASE\*\*



## SETTING TIMES

There will be minimal loss of working time when using Riva Luting Plus. With adequate working time and a quick setting property, Riva Luting Plus will shorten chair time and ensures early resistance to mastication forces.

### TIMES

RIVA LUTING PLUS CAPSULES



RIVA LUTING PLUS POWDER / LIQUID

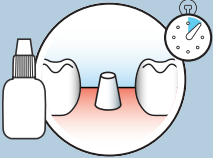


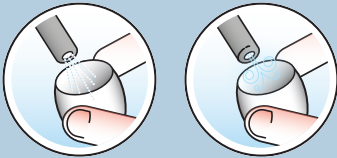
0 1 2 3 4 5 6 (Minutes)

● MIXING TIME ● WORKING TIME ● SETTING TIME

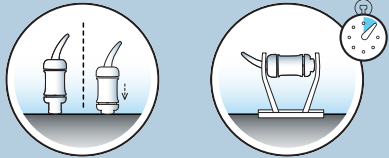
# INSTRUCTIONS FOR CAPSULES<sup>^</sup>

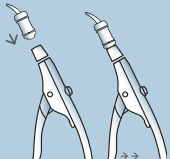
- 1** Prepare tooth using standard techniques. Apply Riva Conditioner for 10 seconds. **OR** Super Etch (SDI Limited) for 5 seconds. Wash thoroughly and dry (do not desiccate the tooth surface).



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



- 3** Activate the capsule and immediately mix in a triturator. Do not click before you mix.


Press capsule down to click. Ten seconds in a triturator.



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


- 5** Gently extrude approximately 1mm of cement onto the bonding surface.


- 6** Seat restoration within 30 seconds of completing mix.

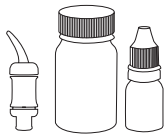

- 7** Remove excess cement at the first formation of the gel stage (approx. 2 min from start of mixing).


- 8** Maintain isolation until set is verified. (approx. 4 minutes, 30 seconds from start of mixing).



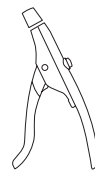
<sup>^</sup> For powder and liquid instructions, please refer to Instructions for Use

# ORDER DETAILS



## CAPSULES, POWDER AND LIQUID

Riva Luting Plus Capsules 50 Riva Luting Plus Capsules	8651008
Riva Luting Plus Powder/Liquid Kits 10g (8,95ml) Liquid 25g Powder Accessories	8651508
Riva Luting Plus Liquid Refill 10g (8,95ml) Bottle	8651900
Riva Luting Plus Powder Refill 25g Powder	8651108



## APPLICATORS

Riva Applicator	5545009
Riva Applicator 2	5545013
Riva Applicator 2 Black	5545023



## ACCESSORY

Riva Conditioner 10mL bottle refill	8620001
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<sup>\*</sup> Ionotite-F, Fuji Plus and Relyx Luting Cement are not registered trademarks of SDI Limited.  
<sup>\*\*</sup> Published and SDI Test Data.



YOUR SMILE. OUR VISION.



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