GLASS Ionomer Fissure and Tooth Protector

IONOMERO DE VIDRIO PROTECTOR DE DIENTES Y FISURAS
IONOMERO DE VIDRO PARA FISSURAS E PROTETOR DENTAL
SZKŁO-JONOMEROWY MATERIAŁ O DZIAŁANIU OCHRONNYM
GLASIONOMER FISSUREN UND ZAHN PROTECTOR
VERMIS PROTECTEUR POUR DENTS ET CIMENT VERRE IONOMÈRE
VETRO-IONOMERO PER LA PROTEZIONE DEI DENTI E DELLE FESSURE
GLASIONOMEER FISSUUR AND TAND PROTECTOR
GLASIONOMER FISSUR-OCH TANDSKYDD
GLASIONOMER FISSUR OG TAND BESKYTTER
LASI-IONOMERI PINNOITEAINE
GLASIONOMER FISSUR OG TAND BESKYTTER
ΓΑΛΟΪΟΝΟΜΕΡΕΣ ΠΡΟΣΤΑΤΕΥΤΙΚΟ ΣΧΙΣΜΩΝ ΚΑΙ ΔΟΝΤΙΟΥ
CAM İONOMER FİŞÜR ÖRTÜCÜ VE DİŞ KORUYUCU
SKLOIONOMERNÍ OCHRANA FISÚR A ZUBU
IONOMER DE STICLA AUTOPOLIMERIZABIL PENTRU SIGILARI SANTURI SI FOSETE
ГЛАС ЙОНОМЕРЕН ФИСУРЕН И ЗЪБЕН ПРОТЕКТОР
SKLOIONOMERNÁ OCHRANA FISÚR A ZUBOV
ÜVEGIONOMER BARÁZDA ÉS FOGZOMÁNCVÉDO
STAKLENI IONOMER ZA ZAŠTITU ZUBI I FISURA
玻璃离子窝沟和牙齿保护剂
the ultimate glass ionomer surface protector, sealant and liner

Proprietary filler technology
Riva Protect utilises SDI’s proprietary ioniglass™ filler developed by our glass technologists. ioniglass™ 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.

Remineraliser
The unique nanotechnology filler additive in Riva Protect, ACP (Amorphous Calcium Phosphate [Ca,(PO)] further enhances remineralisation.

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.

Before
Pink shade shown

After
White shade shown. Photos courtesy of Dr Geoff Knight.
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.

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.

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.

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.

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

Elapse time from start of mixing:

- Riva Protect capsules fast set
- Riva Protect capsules regular set
- Riva Protect powder / liquid
- Fuji Triage capsules*

Working time | Initial setting time | Finishing time
0 | 1 | 2 | 3 | 4 | 5 | 6

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.

Pink or white shades used as a liner under amalgam and composite respectively.

Indications
- Pit and fissure sealing
- Root / tooth surface protection
- Hypersensitivity prevention
- Temporary fillings
- Temporary endodontic fillings
- Lining
- Bite openings (for orthodontists)

Clean and isolate tooth

1. 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. Mix the capsule in an amalgamator OR mix the powder/liquid combination on a mixing pad

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. Final finishing under water spray using standard techniques can begin approximately 3 minutes for fast set (5 minutes for regular set) after start of mixing

Riva Protect pink and white shades used as a liner under amalgam and composite respectively.
**Riva Protect Capsules**

Regular set
- 50 x Riva Protect Pink capsules
- Reorder 8680000 (Pink)
- Reorder 8690000 (White)

**Riva Protect Capsules**

Fast Set
- 50 x Riva Protect Pink capsules
- Reorder 8685000 (Pink)
- Reorder 8695000 (White)

**Riva Protect Powder/Liquid kit**
- 1 x Riva Protect 15g Powder bottle
- 1 x Riva Protect 10g (9.1mL) Liquid bottle
- 1 x Riva Conditioner 10mL bottle
- Reorder 8680501 (Pink)
- Reorder 8690501 (White)

**Riva Protect Powder Refill**
- 1 x Riva Protect 15g Powder bottle
- Reorder 8680101 (Pink)
- Reorder 8690101 (White)

**Riva Protect Liquid Refill**
- 1 x Riva Protect 10g (9.1mL) Liquid bottle
- Reorder 8680900

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* Fuji Triage is not the registered trade mark of SDI Limited.
** Published and SDI Test Data.
(1) McCabe JF, Al-Naimi G. 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.

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