

Fissurit® F · Fissurit® FX

THE TRIED AND TESTED FISSURE SEALANT SYSTEM

Fissurit® F · Fissurit® FX

THE RIGHT MATERIAL FOR EVERY FISSURE

The Fissurit® range

Fissure caries cannot always be prevented by good oral hygiene alone. Overall, occlusal fissures and pits represent the main caries predilection sites in children and adolescents. The principal reasons for the local accumulation in this region are the morphology of the fissures and the resulting impossibility of mechanical cleaning with a toothbrush.

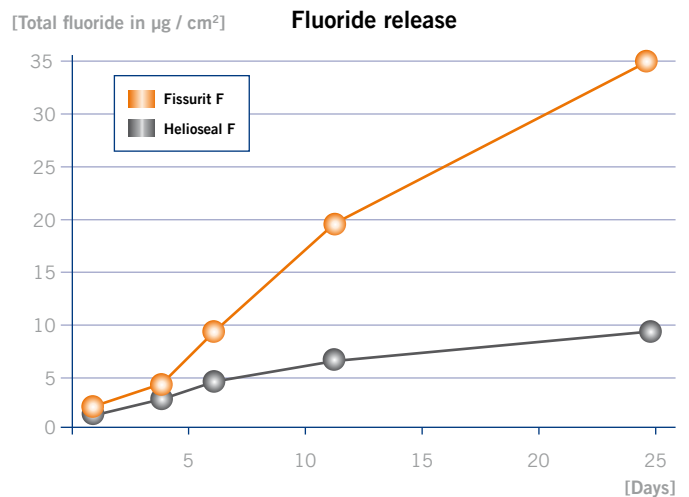
Fissure sealing has therefore been successfully used for many years as one of the mainstays of prophylaxis. With its range of different Fissurit products, VOCO offers the dentist materials for the individual indication that have been successfully used by many dentists for years.

Fissurit® F

Fissurit F is a white-coloured material for sealing fissures, available both as a liquid in bottles and in the VOCO NDT® syringe. NDT® stands for Non-Dripping Technology. The NDT® syringe delivers highly flowable materials such as Fissurit F without running or dripping, thereby considerably simplifying treatment of the patient's fissures. Syringes that run, loss of material and overfilled fissures are things of the past thanks to the non-dripping Fissurit F syringe. In addition, Fissurit F contains fluoride to inhibit the development of caries. The material is coloured white to enable you to maintain a close visual check of marginal integrity.

Fissurit® FX

Fissurit FX is a highly filled fissure sealant which provides a long-lasting seal even where extensive fissure sealing has been carried out. At 55 % by weight, Fissurit FX is the most highly filled fissure sealant in its class after Grandio Seal. Fissurit FX, too, contains fluoride to inhibit the development of caries and is coloured white to enable you to maintain a close visual check of the edges of the fissures.



Source: Biedermann H., Waurick M., Skölziger R., Dtsch Zahnärztl Z 52 (1997)9 pp. 600-603

The success of Fissurit® is based on various factors

- Fissurit F and Fissurit FX are light-curing, single-component materials and therefore save you time and material
- The low viscosity of the Fissurit products ensures that the material flows deep into the fissure, filling and sealing it to ensure marginal integrity
- All Fissurit sealants are extremely abrasion-resistant thanks to the balanced polymer matrix
- Using the extra fine cannulae supplied with all Fissurit F and Fissurit FX systems, the fissure sealant can be applied quickly, simply and hygienically directly into the previously conditioned fissure

Fissurit® F · Fissurit® FX

THE TRIED AND TESTED MATERIAL FOR PERMANENT SEALING

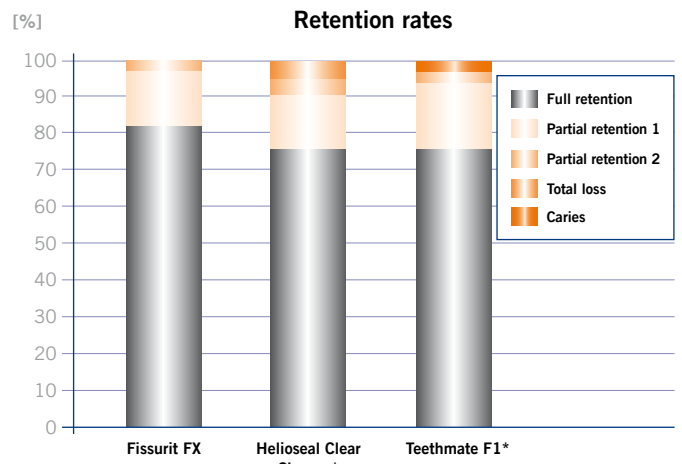
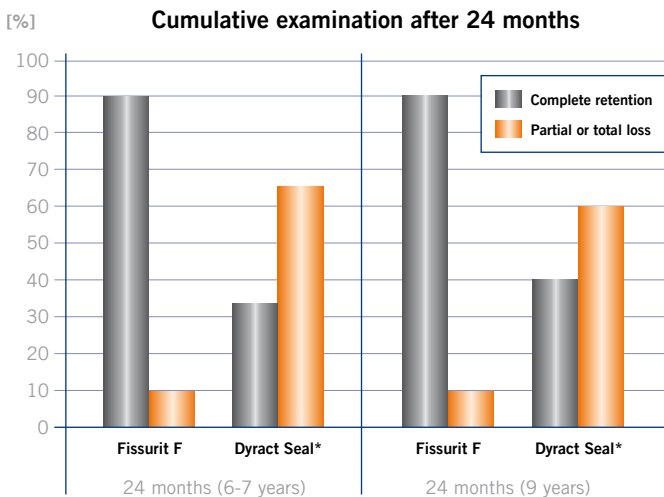
Excellent material properties

– confirmed by independent institutes

VOCO's fissure sealants are regularly tested and assessed by different independent institutes and universities. These tests confirm the quality and long retention time of VOCO fissure sealants in the fissure.

The retention rates of Fissurit F and Dyract Seal were compared in tests carried out as part of an in vivo study at the University of Ankara. The results show that Fissurit had a clearly higher retention time in the fissure than Dyract Seal, even without adhesive bonding.

A study carried out by the University of Zagreb compared the retention times in the fissure of Fissurit FX and HeliOSEAL Clear Chroma. Fissurit FX was found to have the highest retention rate and therefore survived the longest in the fissure with fewest partial losses.



University of Ankara; study of the retention rates of two fissure sealants without the use of an adhesive. Fissurit F has excellent retention rates, irrespective of the degree of enamel maturation of the treated teeth.

University of Zagreb; study of different materials in a 1-year clinical study of retention rates: Fissurit FX had the highest retention rate of the fissure sealants tested; caries was not observed in any of the teeth treated with Fissurit FX.

Source: N. Yakut, H. Sönmez, J. Clin. Pediatr. Dent. 2006, 30, 215-218

Source: W. Dukic, O. Lulic Dukic, S. Milardovic, Z. Vindakijevic, Coll. Antropol. 2007, 4, 1019-1024

Clinical Case



*HeliOSEAL Clear Chroma, Teethmate F1, HeliOSEAL F and Dyract Seal are not registered trademarks of VOCO GmbH.

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INDICATIONS AND ADVANTAGES AT A GLANCE

Fissurit® FX



Indications

- Sealing / filling pits and fissures as well as small cavities
- Sealing / facing of damaged enamel surfaces
- Anchoring orthodontic appliances and covering caries predilection sites during orthodontic treatments
- Sealing composite or cement fillings (protective layer against humidity)
- Sealing carious lesions to stop them
- Restoring small defects in composite and amalgam fillings
- Sealing deciduous teeth

Advantages

- Filler content of 55 % w/w for outstanding abrasion proofness
- Quick and easy application from the direct-application syringe with bendable metal cannulae
- Optimal flow properties
- High stability and good adhesion to enamel
- Continuous fluoride release
- White for easy visual control

Presentations

- REF 1181 Syringe 2 × 2.5 g, accessories
- REF 2145 Application cannulae type 40, 100 pcs.

Fissurit® F



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- Sealing deciduous teeth

Advantages

- Quick and direct application from the new NDT®-syringe
- White for application control
- Excellent flow properties and low viscosity
- High stability and good adhesion to enamel
- Continuous fluoride release

Presentations

- REF 1180 Bottle 2 × 3 ml
- REF 1292 Syringe 2 × 2 g, accessories
- REF 1293 Set syringe 5 × 2 g, Vococid gel syringe 5 ml, Vococid bottle 2 × 3 ml, accessories
- REF 2145 Application cannulae type 40, 100 pcs.

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