



SealEDPLUS is a light cure, radiopaque, fluoride releasing sealant designed to protect the fissures against caries.

Acting as a preventative seal against food or bacteria entering the fissure, playing a vital role in the prevention of caries.

The very low viscosity of **SealEDPLUS** means that it is easy to apply, and the flow allows deep penetration into the fissures.

SealEDPLUS simple 5 step application

- Etch
- Rinse/Dry
- Seal
- Light Cure
- Check Occlusion

Delivery System

- 2x2g syringe & 5 tips

Presentation

REF 010/1215

Characteristics

- Very low viscosity
- Fluoride releasing
- Increased surface wear resistance
- Radiopaque

Technical Data

- Fluoride releasing (after 24h) – 2.52ppm
- Flexural strength 84.1MPa
- Adhesion to enamel 14.8MPa

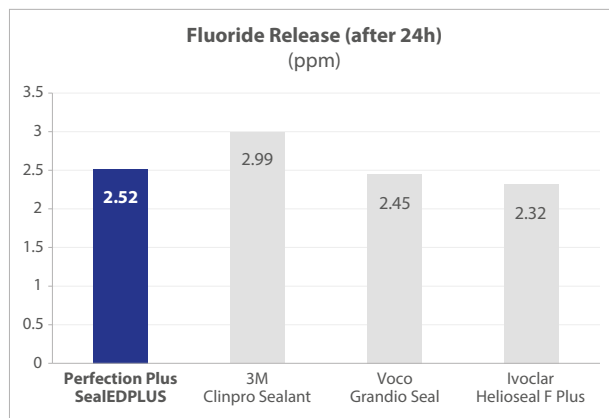
PHYSICAL PROPERTIES

Fluoride Release

Fissure sealants whose composition include fluoride are effective in the prevention of tooth decay.

The fluoride releases not only during the polymerization process but also for several days after the application.

The fluoride release rate of **SealEDPLUS** provides the maximum protection against tooth caries.

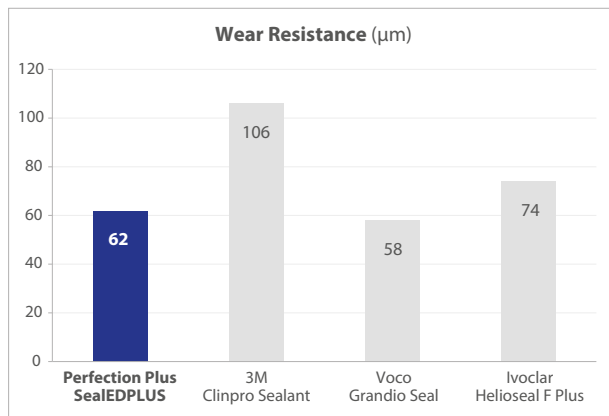


Wear Resistance

Resin based dental composites are susceptible to slow degradation and erosion due to the mechanical forces applied during chewing, brushing etc.

The wear resistance of the sealant is important – very low wear resistance can lead to restoration loss or fracture.

SealEDPLUS consists of low sorption organic monomers and glass filler particles of the optimum size to maintain the integrity of the restoration.



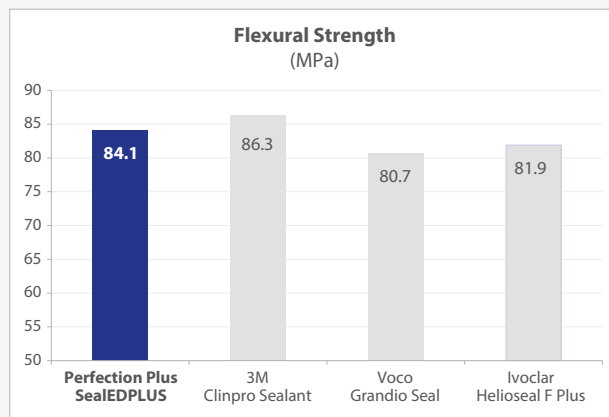
MECHANICAL PROPERTIES

Flexural Strength

The flexural strength of the material is the maximum stress that it can resist when subjected to loading.

SealEDPLUS when measures to the ISO requirements provides exceptionally high flexural strength values.

The highly elastic properties of the organic monomers within the formulation ensure the required flexural strength for the final restoration.

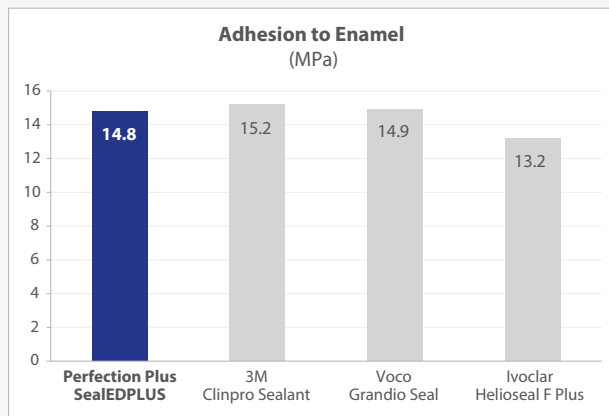


Adhesion to Enamel

Strong adhesion of the material to the tooth surface is required to guarantee the integrity and longevity of the restoration.

As Sealants are used without an application of a bonding agent the adhesion is reliant on the adhesion properties of the sealant.

SealEDPLUS has the optimum flowability to ensure high penetration into the recessed of the etched enamel surface, providing optimum micro-retention leading to high adhesion strength.



* Testing during research and development