

# Proseal F

## Enamel Coating Resin

Fast and comfortable fissure sealing



Enamel Coating Resin is a light curing material for sealing the enamel pits and fissures of teeth.



01

Smart color-change technology to see placement.

02

Sustained release of fluoride ions.

03

Low viscosity, flows easily into pits and fissures.

04

High bonding strength and flexural strength.

## Operation Procedure



**Easy-to-use technique**



**Efficient fissure sealant**

Proseal F Enamel Coating Resin offers color-change technology for ultimate placement control.



01 Apply phosphoric acid etching gel to all enamel surfaces to be sealed. Thoroughly rinse teeth to remove etchant, then dry the etched surfaces.



02 Apply Enamel Coating Resin into pits and fissures.



03 Light cure the sealant. Inspect the sealant surfaces and adjust as required. LED/Halogen: 10 sec

## Technical Parameter

|  |                       |
|--|-----------------------|
| Compressive strength (MPa)                         | 325.70                |
| Flexural strength (MPa)                            | 83.71 (Average Value) |
| Light intensity ( mW/ cm <sup>2</sup> ) for curing | > 800                 |
| Wavelength (nm) for curing                         | 400-500               |
| Depth of cure (mm)                                 | 3.7                   |
| Shear bonding strength to etched enamel (MPa)      | 19.57(Average Value)  |

\* Data From HUGE laboratory



VINCISMILE GROUP LLC

Add: 20524 Carrey Rd. Walnut, CA 91789, USA  
Email: [marketing@vincismile.com](mailto:marketing@vincismile.com)  
Shop with us online at [store.vincismile.com](http://store.vincismile.com)  
Tel: +1 626 283 5808 Web: [www.vincismile.com](http://www.vincismile.com)

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Rizhao HuGe Biomaterials Company, Ltd.  
No. 2 North Zhaoyang Road, District of Donggang, Rizhao City,  
Shandong Province, China 276800  
[www.hugedental.com](http://www.hugedental.com) [marketing@hugedental.com](mailto:marketing@hugedental.com)