

## OPTIMIZED USABILITY & LOW TECHNIQUE SENSITIVITY

With CLEARFIL™ SE BOND, neither a separate acidetching nor a rinsing step are necessary. Additionally, less attention to the surface moisture level has to be given: The risk of over-wetting or over-drying of the preparation is very low compared to, for example, wet bonding systems. Combined with the product's simplified application procedure with a low technique sensitivity, CLEARFIL™ SE BOND easily achieves the desired high bonding performance. The unique Intelly Case, a handy outer case for the primer and bond, facilitates the precise dosing and convenient storing of the product.

## EASY & PRECISE APPLICATION

### Prime



- Apply PRIMER and leave for 20 seconds
- Do not rinse
- Dry with mild air flow

### Bond



- Apply BOND and distribute evenly with mild air flow
- Light-cure for 10 seconds

### Restore



- Apply and light-cure composite

### ADDED VALUE

The Intelly Case for easy & precise dosing!



## A WIDE RANGE OF INDICATIONS

CLEARFIL™ SE BOND is indicated for

- Direct filling restorations using light-cured composite or compomer
- Cavity sealing as a pretreatment for indirect restorations
- Treatment of hypersensitive and/or exposed root surfaces
- Intraoral repairs of fractured facing crowns made of ceramic, hybrid ceramic or composite resin using light-cured composite
- Surface treatment of prosthetic appliances made of ceramic, hybrid ceramic and cured composite resin

### CLEARFIL™ SE BOND Kit

#1970-WD

Primer (6 ml), Bond (5 ml), 2 x 50 disposable brush tips, 2 brush tip handles, 1 mixing dish, 1 light blocking plate, 1 outer case (Intelly Case)



### CLEARFIL™ SE BOND Introductory Kit

#1975-WD

Primer (1.5 ml), Bond (1.25 ml), 1 outer case (Intelly Case)

### CLEARFIL™ SE BOND Half Kit

#1979-WD

Primer (3.0 ml), Bond (2.5 ml)

### CLEARFIL™ SE BOND

#1981-WD

5 ml



### CLEARFIL™ SE BOND PRIMER

#1982-WD

6 ml



- Before using this product, be sure to read the Instructions for Use supplied with the product.
- The specifications and appearance of the product are subject to change without notice.
- Printed color can be slightly different from actual color.

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## CLEARFIL™ SE BOND

THE "GOLD STANDARD" OF THE SELF-ETCHING ADHESIVE SYSTEMS

LEAST POST-OPERATIVE SENSITIVITY

LOW TECHNIQUE SENSITIVITY

DURABLE MARGINAL SEAL



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# CLEARFIL™ SE BOND

High performance in your hands

## PRODUCT CHARACTERISTICS

### High bond strength

- ✓ Excellent long-term marginal sealing
- ✓ High stability and durability over time
- ✓ Minor risk of secondary caries

### Mild etching

- ✓ Least post-operative sensitivities
- ✓ Superb bond strength due to chemical bond of adhesive MDP monomer to remaining hydroxylapatite crystals around the collagen fiber network

### Low technical sensitivity

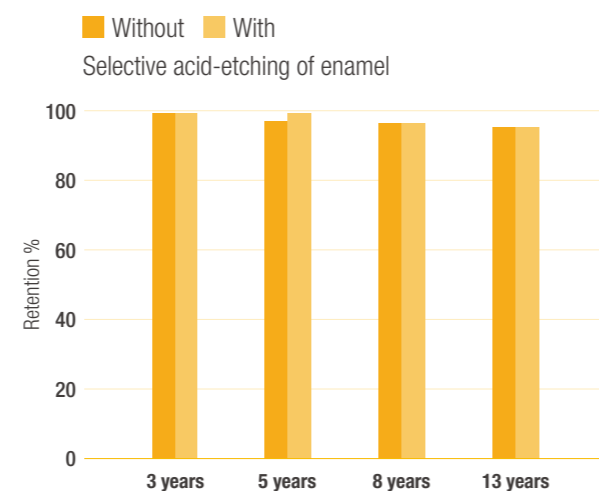
- ✓ High error tolerance
- ✓ Consistently good results
- ✓ No rinsing step: Procedure without over-wetting and -drying of exposed collagen

## ADVANTAGES FOR DENTIST AND PATIENT

## OUTSTANDING PERFORMANCE OF CLEARFIL™ SE BOND PROVEN IN AN 13 YEAR CLINICAL STUDY!

With the 13 year clinical study\* published by the renowned Catholic University of Leuven, Belgium, in 2010, CLEARFIL™ SE BOND proves its excellent clinical effectiveness with and without selective acid-etching of enamel (97% retention rate in both procedures!).

Thus, CLEARFIL™ SE BOND shows first class results which are equal to or even greater than that of 3 step etch & rinse adhesives.



\* Thirteen-year randomized controlled clinical trial of a two-step self-etch adhesive in non-carious cervical lesions. Dent Mat 2015 Peumans M, De Munck J, Van Landuyt K, Van Meerbeek B

## EXCELLENT LONG-TERM MARGINAL SEALING

Dentists who are looking for a bond system that does not only provide a secure handling but also offers a technology ensures a high quality, longterm marginal sealing, will now be satisfied by CLEARFIL™ SE BOND. The reason is as simple as this. Kuraray's self-etching bond system is based on an intelligent concept: Powerful hydrolysis resistance for a durable marginal sealing.

1. Firstly, the unique adhesive MDP monomer takes care of an outstanding stable chemical bonding between adhesive and tooth structure – resistant to hydrolysis\*.
2. Due to the mild etching of CLEARFIL™ SE BOND, the layer of hydroxylapatite widely remains around the collagen fibers, hence, protected against hydrolysis.
3. The marginal sealing is even strengthened by the bond's low water sorption of CLEARFIL™ SE BOND.

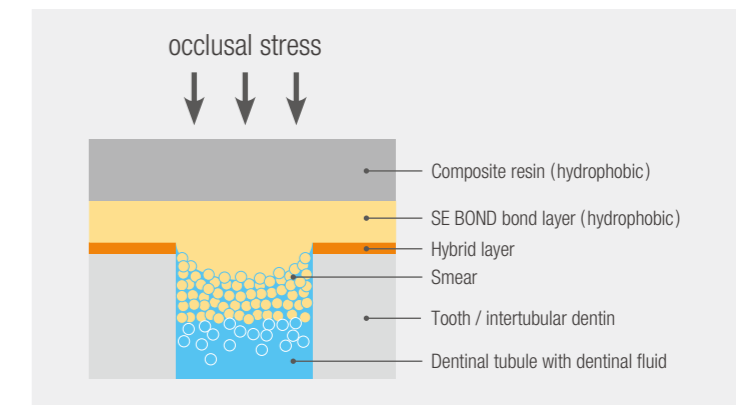
Hence, the concept performs well: A durable bond is created with an exceptionally stable, long-term marginal sealing between restorative material and tooth. The risk of secondary caries is minimized.

\* Definition of hydrolysis: Hydrolysis means a) the decomposition (separation) of the chemical bonding between adhesive and tooth (enamel as well as dentin) by a reaction to water/saliva and b) the destruction of collagen fibers by enzymes.

## LEAST POST-OPERATIVE SENSITIVITIES

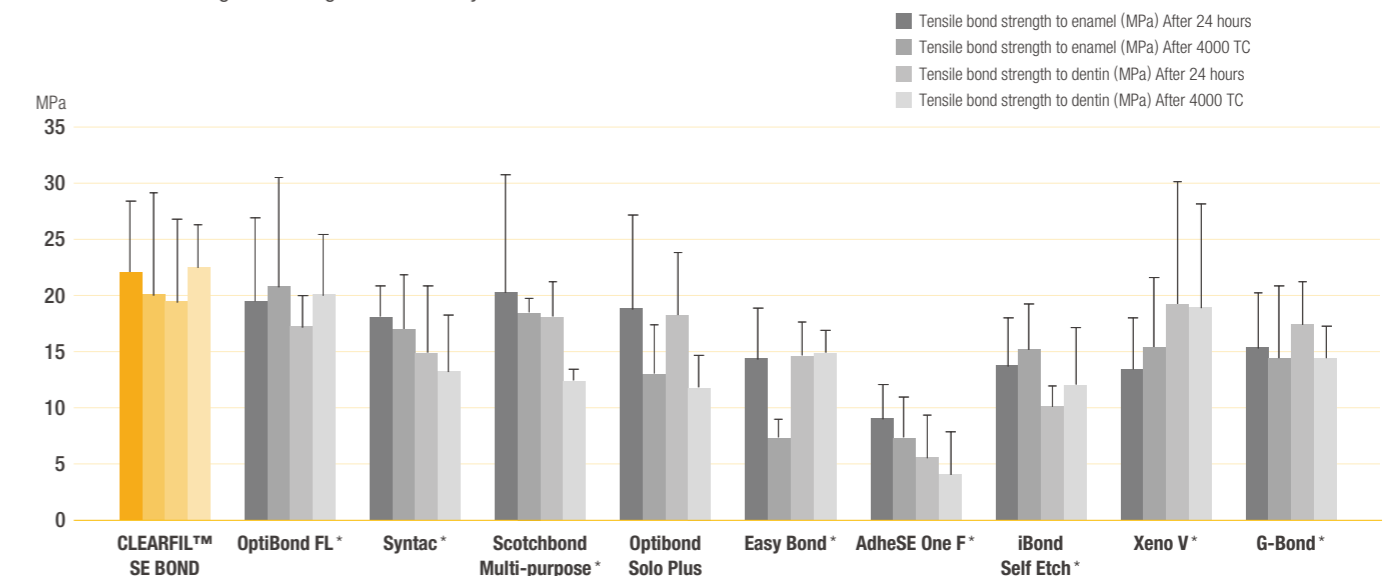
CLEARFIL™ SE BOND is the precision bonding designed for least postoperative sensitivities.

- Durable high bond strength prevents a gap between tooth and filling to avoid the movement of dentinal fluid
  - Excellent sealing of hydroxylapatite and dentinal tubules thanks to higher viscosity bonding
  - Formation of stable bond layer buffering compressive strength
- Thus, movement of dentinal fluid, the cause for postoperative sensitivity, hardly occurs.



## EXCELLENT BOND STRENGTH AND DURABILITY

CLEARFIL™ SE BOND contains Kuraray's unique adhesive monomer MDP, an essential component of Kuraray's adhesive products. Today, MDP is more than 30 years' worth of scientifically verified, outstanding bonding performance. CLEARFIL™ SE BOND not only offers a mechanical but also a strong chemical bond. CLEARFIL™ SE BOND ensures excellent bond strength and long-term durability of the restoration.



Source: Kuraray Noritake Dental Inc. \*Not a trademark of Kuraray Noritake Dental Inc.