

# CLEARFIL SE BOND

Today, dentists are looking for a bond system that not only provides secure handling (properties), but also offers a technology that ensures a high quality long-term marginal seal. With the introduction of CLEARFIL SE BOND in 2000, Kuraray introduced a self-etching bonding system that offers powerful hydrolysis resistance for a durable marginal seal and has had an excellent clinical record for the last ten years.

## The precision bond system

CLEARFIL SE BOND is Kuraray's high performance, self-etching adhesive for direct restorations, known for its outstanding long-term marginal seal, thanks to the product's powerful hydrolysis resistance. The two-step bonding system, consisting of a self-etching primer and a light-curing bond, allows a precise but simplified application with low technique sensitivity for consistently good results.

The integrated adhesive monomer MDP ensures an excellent chemical bond between adhesive and tooth structure. Owing to the high sealing ability of the bonding agent and the mild etching of the self-etching primer, CLEARFIL SE BOND enables an excellent long-term performance. The optimal acidity of the primer makes simultaneous treatment of enamel and dentine possible. Additionally, the marginal seal is strengthened by the bond's low water sorption. Furthermore, dentists and patients value the product's low post-operative sensitivity.

In the eight-year clinical study published in 2010 by the renowned Katholieke Universiteit Leuven, Belgium, CLEARFIL SE BOND demonstrated its excellent clinical effectiveness with and without selective acid etching of enamel (97 % retention



rate in both procedures!). Thus, CLEARFIL SE BOND is considered the gold standard by several universities and opinion leaders.

## Benefits

Benefits of the CLEARFIL SE BOND system include powerful hydrolysis resistance, mild etching, low technical sensitivity, excellent long-term marginal seal, high stability and durability over time, minor risk of secondary caries, least post-operative sensitivities, superb bond strength owing to chemical bond of adhesive monomer MDP to remaining hydroxylapatite crystals around the collagen fibre network, high error tolerance as well as no rinsing step and thus no over-wetting and -drying of exposed collagen.

## contact

cosmetic  
dentistry

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