

Futurabond® M

ONE-COMPONENT LIGHT-CURING
NANO-REINFORCED SELF-ETCH BOND

Futurabond® M

SIMPLE AND SECURE

Self-etch bonding in only one step

Futurabond M from VOCO is a one component, light-curing self-etch bond nano-reinforced for creating a durable bond between tooth substance and restorative without marginal leakage. The new adhesive from VOCO permits etching, priming and bonding in only one step and thus adds another powerful bonding version to the well-established Futurabond product line.

Futurabond – the right bond for every case.

Ideal adhesion for restorations

The quality of the adhesive bond substantially determines the long-term success of a restoration. Futurabond M provides the advantages of a sophisticated adhesive in combination with optimum user-friendliness. As a one-step bond, it provides significant savings in time and material, since mixing and applying different components have become obsolete.

Etching, priming and bonding are carried out in only one work-step with an application time of just 35 seconds. In addition to this significant application comfort, Futurabond M, as an all-in-one adhesive, ensures the highest level of procedural safety and protection of the tooth substance.

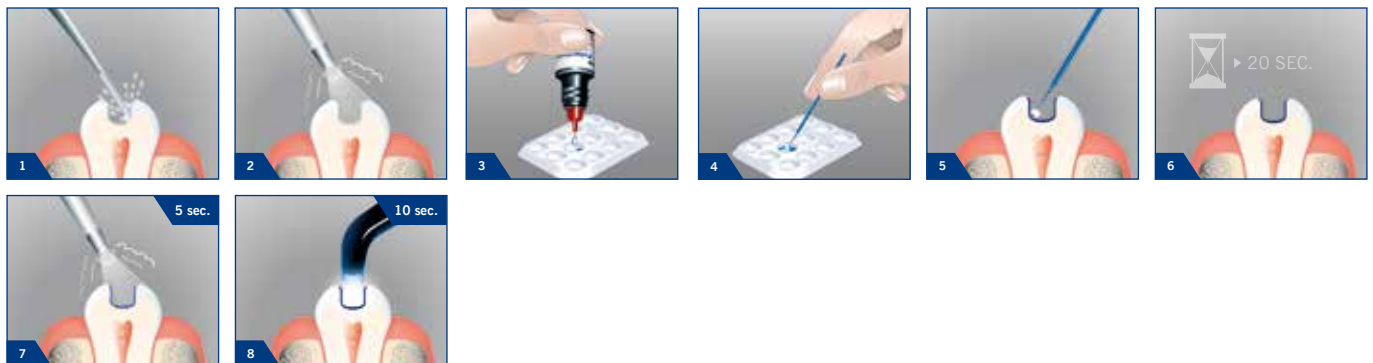
The composition of this one-component bond excludes over-etching of dentine. The one-bottle version prevent any error in the sequence of primer and bond. Thanks to nano-technology, Futurabond M achieves the highest level of stability and uniform adhesion, to both tooth substance and restorative. This especially applies to composites like GrandioSO which can completely show their strengths.

A single coat of the bonding is sufficient to achieve a long-term stable bond between composite and tooth. The effective combination of micro-mechanical and chemical adhesion via nano-scaled silicium dioxide particles simultaneously provides sustained avoidance of marginal leakage and post-operative sensitivity.



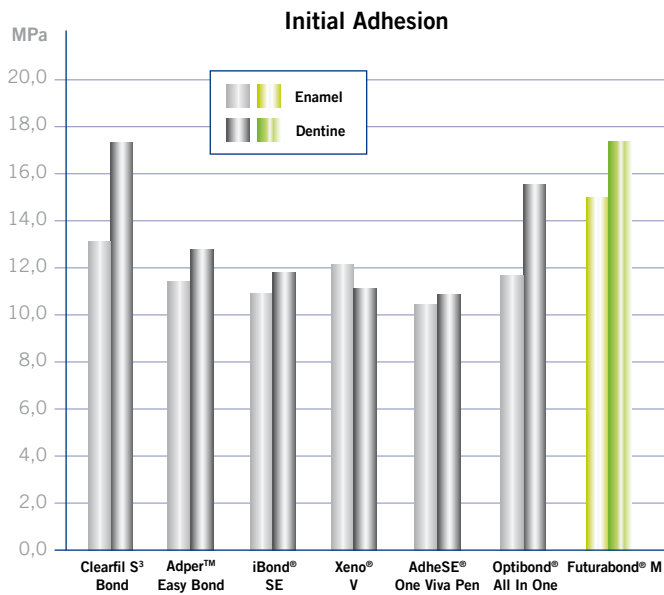
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APPLICATION

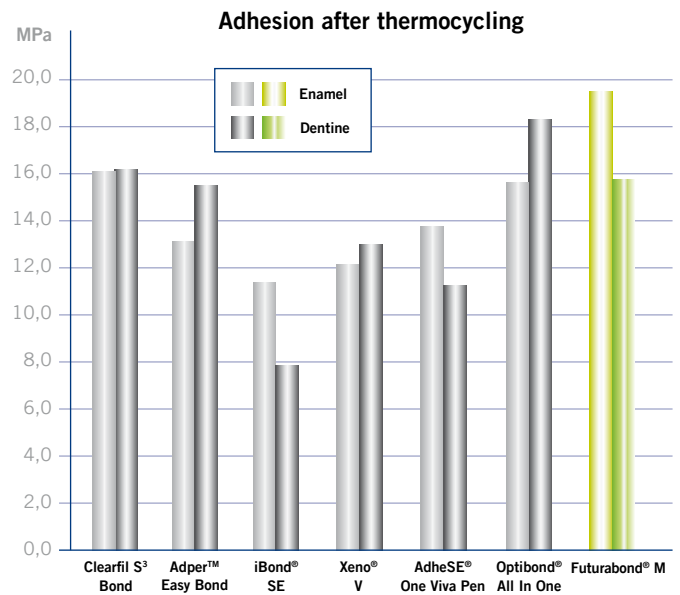


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IN COMPARISON

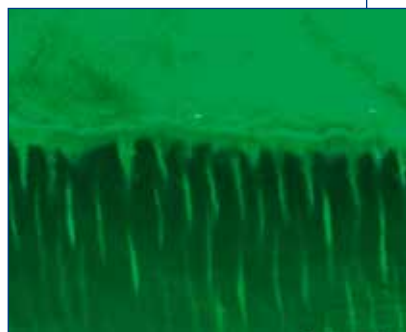


Source: VOCO internal measurements



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Clearfil S³, Adper™ Easy Bond, iBond® SE, Xeno® V, AdheSE® One Viva Pen and Optibond® All In One are not registered trademarks of VOCO GmbH.



Source: Prof. Dr. Jorge Uribe Echevarría, Facultad de Odontología Universidad Nacional de Córdoba, Argentine, 2008

The nano-technology in Futurabond® M

VOCO utilises the advantages of nanotechnology for bonds as well and thus permits restoration based entirely on nano-technology. The highly functionalised SiO₂-particles (ø 20 nm) in Futurabond M lead to a cross-linking of the bond's resin components and improve its film building properties.

The adhesive can thus optimally wet the released collagen fibres and micro-retentive etching pattern on the enamel. As a result, the sensitive collagen fibre network cannot collapse and is entirely integrated into the adhesive layer. The far-reaching resin tags in the dentine tubules harden during polymerisation and strengthen the retentive bond of the collagen fibre-bonding hybrid layer.

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ONE-COMPONENT LIGHT-CURING NANO-REINFORCED SELF-ETCH BOND

Indications

Direct restorations of all cavity classes with all light-curing restoratives

Advantages

- Offers proven Futurabond quality as a one-step version: etching, priming and bonding in only one step
- Application in only 35 seconds
- Reduces technique complexity of the adhesive process as a one-bottle bond
- High adhesion values on enamel and dentine
- Provides a stable and uniform adhesive bond as well as durable marginal integrity through nano-technology
- No post-operative sensitivity
- Ensures safe sealing of freshly cut dentine
- Tolerates moisture
- No shaking
- No rubbing
- Excellent wetting properties
- Working time up to 5 minutes
- Higher yield in comparison to 2-bottle systems (No minimum mixing quantity)



Presentation

- REF 1350 Bottle 5 ml, accessories
- REF 1351 Bottle 3 × 5 ml
- REF 2247 Single Tim, application brushes, 100 pcs.
- REF 2315 Mixing palettes, 20 pcs.

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