

CLEARFIL™ SE BOND 2

THE GOLD STANDARD JUST GOT BETTER

NOW A TRULY FUTURE PROOF UNIVERSAL ADHESIVE
EVEN FOR BULK-FILL RESTORATIONS





THE GOLD STANDARD MADE FUTURE PROOF

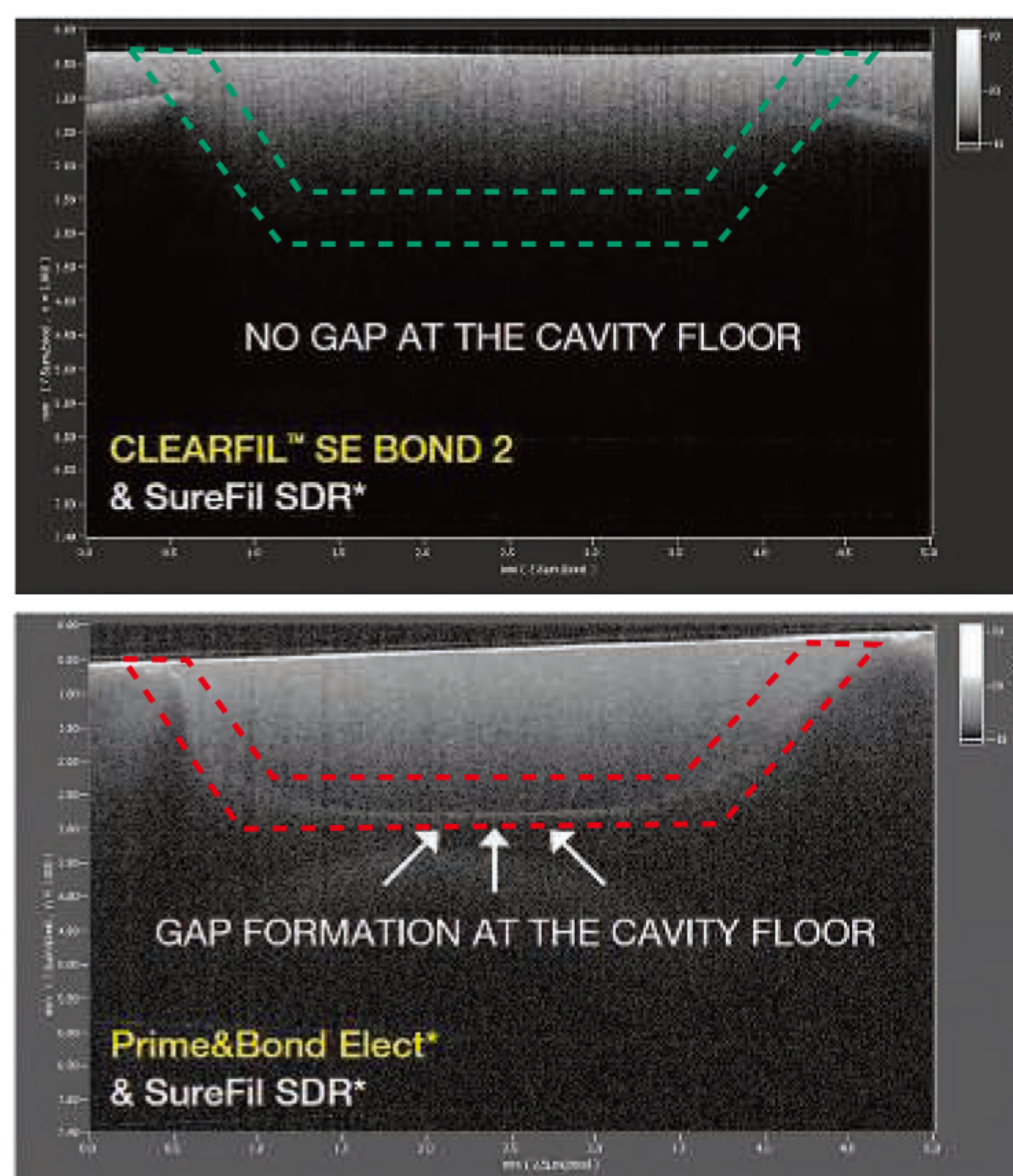
After becoming the Gold Standard with CLEARFIL™ SE BOND, now we present CLEARFIL™ SE BOND 2 a two-step, self-etch, light-cure bonding agent. In addition to offering outstanding marginal sealing and virtually no postoperative sensitivity, it comes with an improved catalyst system for stronger bonds and a new dual-cure activator for use with all indirect restorations and core build-up composites.



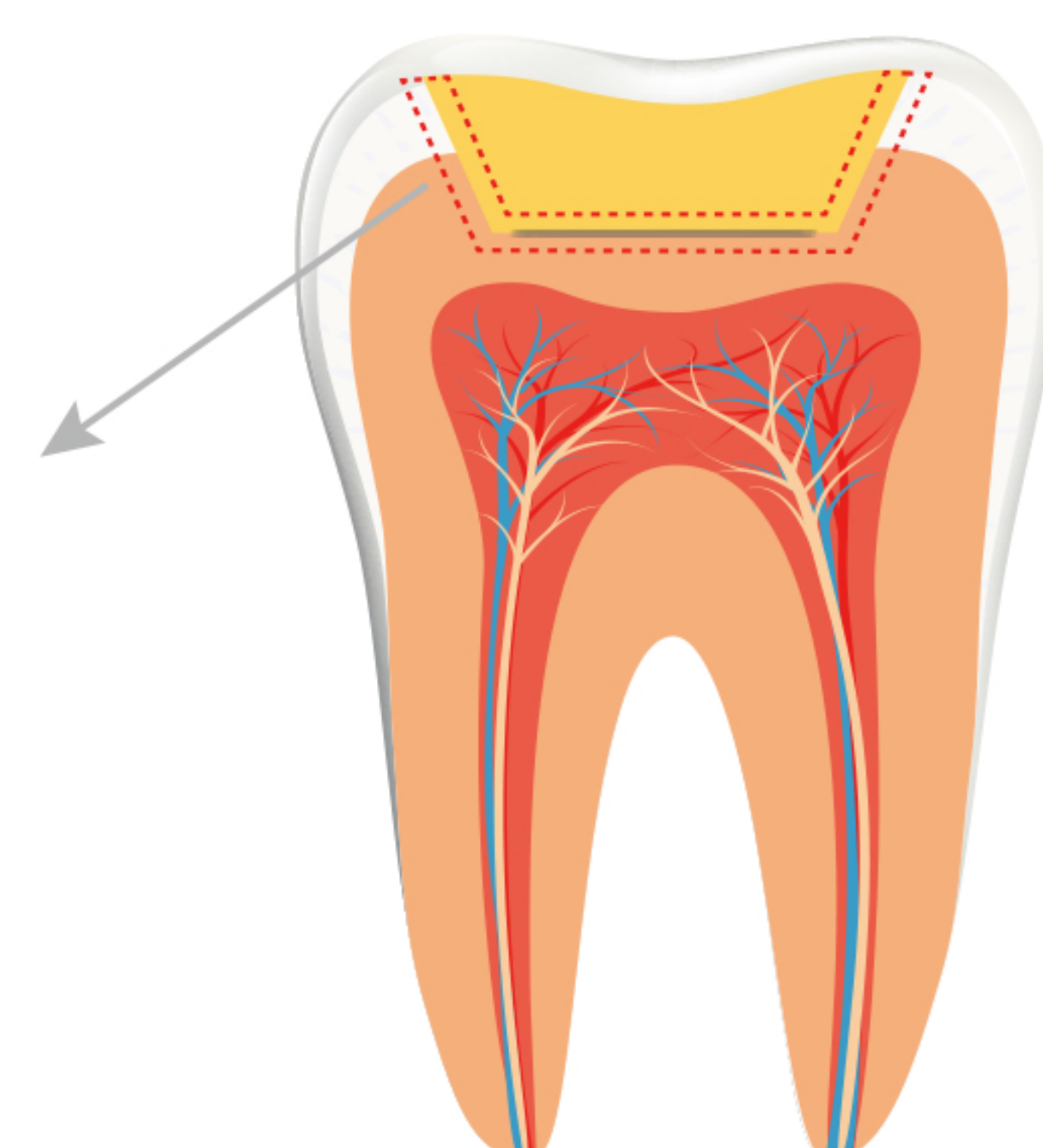
Ideal for Bulk-Fill Composites: Avoiding Gap Formation

CLEARFIL™ SE BOND 2 has excellent initial bond strengths to dentin (with the original MDP adhesive monomer) and the ideal adhesive layer to withstand the increased polymerization stress with bulk-fill composites. This ideal combination is able to provide GAP-FREE dentin margins when bulk-fill composites are used¹.

Optical coherence tomography (OCT) provides real time cross-sectional images that can be used for quantitative and qualitative assessment of the composite restorations, thereby identifying gaps at the adhesive interface (visualized as a white line).



Gap formation at the cavity floor with other bonding agents



¹ OCT Images courtesy of Dr. Sadr and Professor Dr. Tagami, University of Washington and Tokyo Medical and Dental University.

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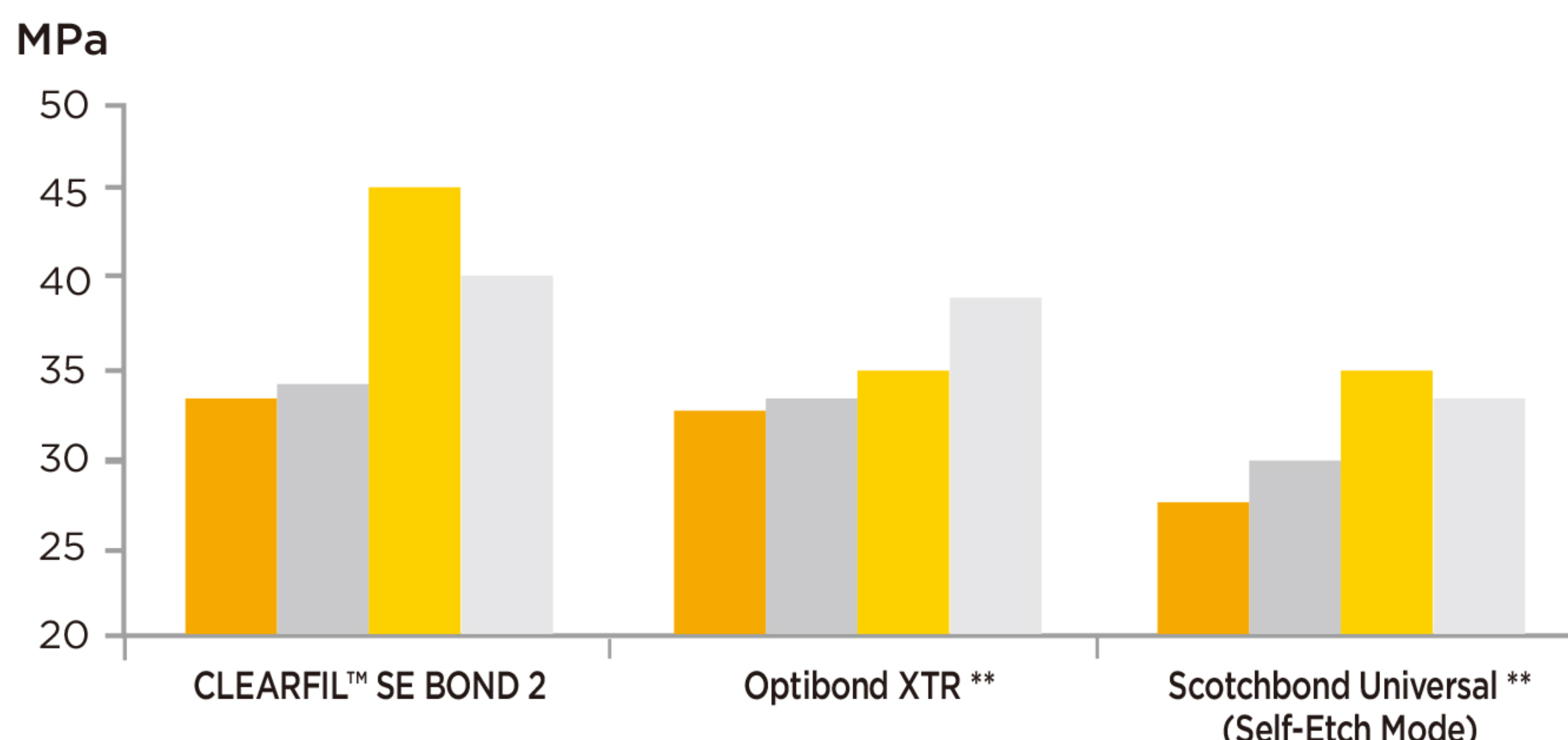
Tensile Bond Strength to Tooth Structure after 10,000 Thermal-Cycling²

- Enamel (24h)
- Enamel (TC* 10,000)
- Dentin (24h)
- Dentin (TC* 10,000)

² Source: Data courtesy of Dr. J. Burgess, University of Alabama at Birmingham, U.S.A.

* TC: Thermal-Cycling

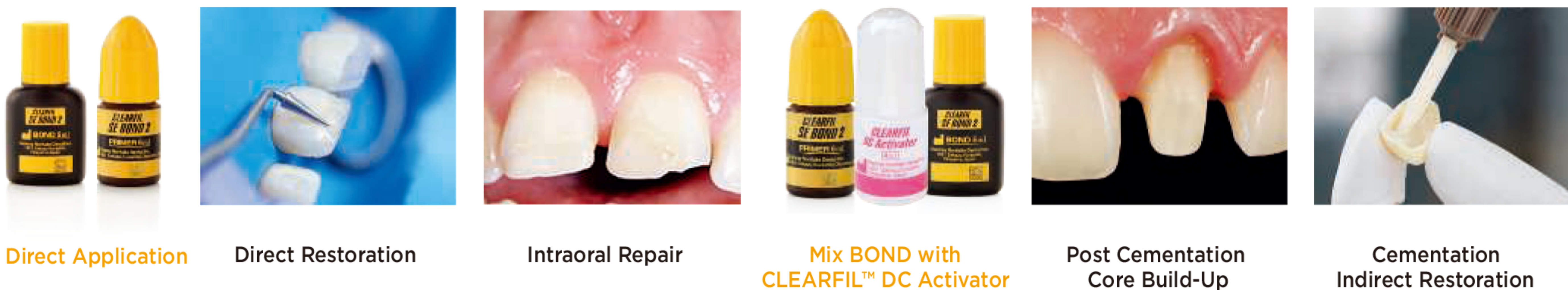
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Mix it with CLEARFIL™ DC Activator: For All Clinical Indications and Lower Film Thickness

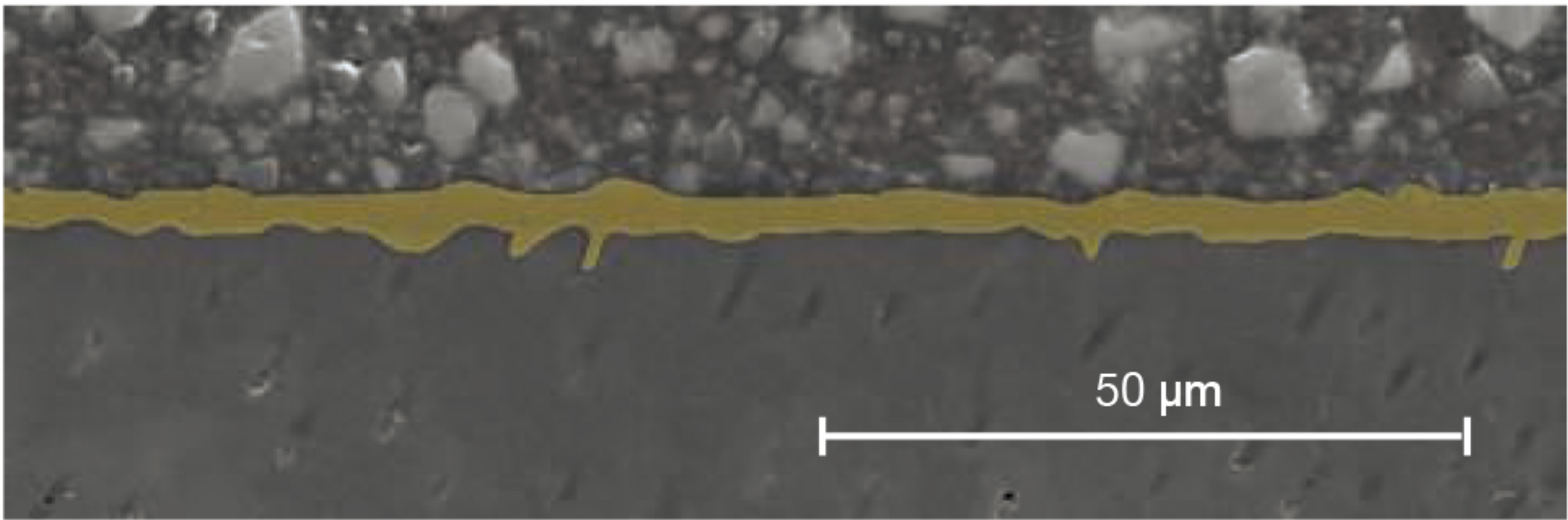
CLEARFIL™ SE BOND 2 is indicated for direct restorations, intraoral repairs, treatment of exposed root surfaces and hypersensitive teeth.

When CLEARFIL™ SE BOND 2 Bond is mixed with CLEARFIL™ DC Activator, it provides a dual-cure chemistry, ideal for bonding indirect and core build-up restorations.



Additionally, just mixing 1 drop of CLEARFIL™ SE BOND 2 Bond with 1 drop of CLEARFIL™ DC Activator will provide a low film thickness for indirect restorations.

The film thickness of the mixture after air-drying is approximately 3-5 µm letting you cement prosthetics that fit best.



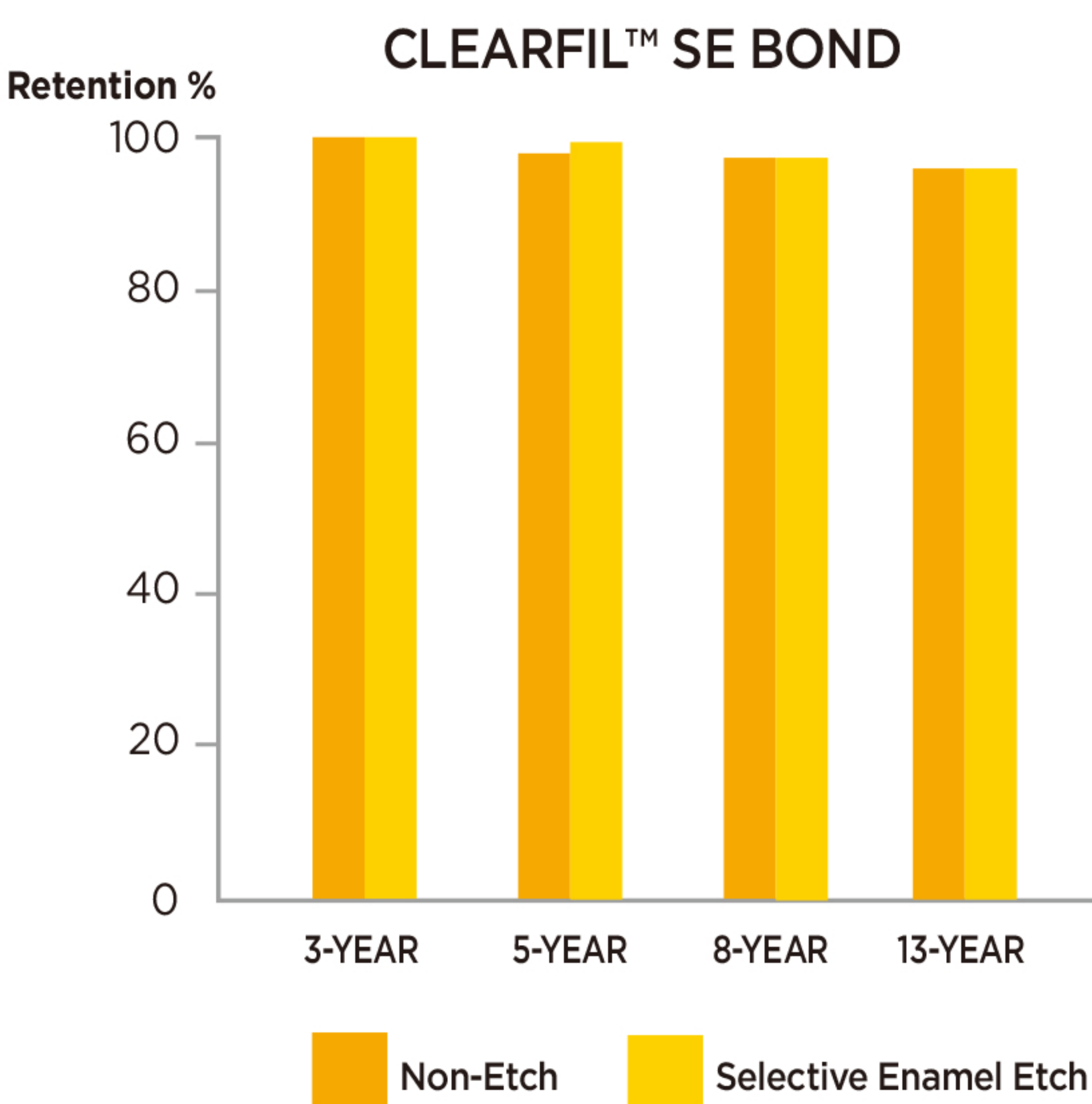
CLEARFIL™ SE BOND 2 low film thickness when mixed with CLEARFIL™ DC Activator

Outstanding Long-Term Clinical Benefits and Research Results

CLEARFIL™ SE BOND 2 is the successor of CLEARFIL™ SE BOND, which has an exceptional long-term clinical research history with cervical erosion and class-V restorations. The graph on the right shows the results of a clinical study ranging from 3-year to 13-year recalls with retention rates of 96% to 100%³.

Apart from the **excellent long-term marginal sealing**, it also inherits from CLEARFIL™ SE BOND excellent characteristics such as: **virtually no post-operative sensitivity** and **low technique sensitivity**.

³ Thirteen-year randomized controlled clinical trial of a two-step self-etch adhesive in non-carious cervical lesions. Dent Master 2015 Peumans M, De Munck J, Van Landuyt K, Van Meerbeek B



New Catalyst Chemistry: Even Stronger Bond Strengths

The new photo-initiators generate more radicals when curing which relates to higher monomer conversion rates resulting in 21% higher dentin bond strength⁴ compared to gold standard CLEARFIL™ SE BOND.

⁴ Source: Kuraray Noritake Dental Inc.

Basic Procedures





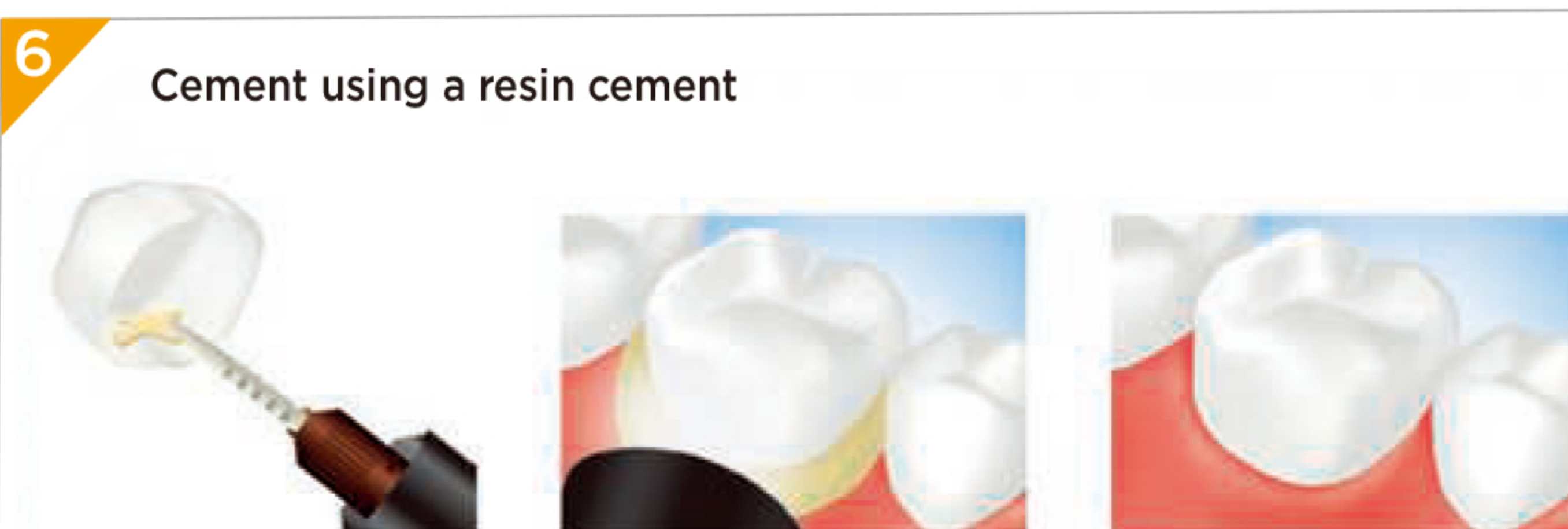
Direct Restoration

Follow the standard procedure for isolation, moisture control, cavity preparation and pulp protection.

<p>1 Apply PRIMER¹</p>  <p>¹Before applying PRIMER, selective enamel etch by phosphoric acid is an option.</p>	<p>2 Dry with mild air</p> 	<p>3 Apply BOND</p> 	<p>4 Make a uniform bond film using a gentle airflow</p> 	<p>5 Light-cure²</p>  <p>²Refer to the table for light-curing time in the Instructions for Use.</p>	<p>6 Place composite resin</p> 
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Indirect Restoration

Cementating inlays, onlays, crowns, bridges and veneers using a composite resin cement.
Clean and dry the tooth surface, then trial fit the prosthetic restoration.

<p>1</p> <p>For surface preparation of prosthetic restorations, follow the Instructions for Use of the restorative material.</p>	<p>2 Apply PRIMER³</p>  <p>³Before applying PRIMER, selective enamel etch by phosphoric acid is an option.</p>	<p>3 Dry with mild air</p> 	<p>4 Apply the mixture of BOND and CLEAFIL DC Activator</p> 	<p>5 Dry with mild air⁴</p>  <p>⁴Light-curing the mixture is an option for optimum performance.</p>
<p>6 Cement using a resin cement</p> 				

Ordering Information

 <p>#3270WD CLEARFIL™ SE BOND 2 Kit</p> <ul style="list-style-type: none"> • 1 PRIMER (6ml) • 1 BOND (5ml) • 1 Dispensing dish • 1 Light-blocking plate • 1 Outer case • 1 Applicator brush (fine 50 pcs) 	 <p>#3281WD CLEARFIL™ SE BOND 2 Bond</p> <ul style="list-style-type: none"> • 1 BOND (5ml)
<p>#3272WD CLEARFIL™ SE BOND 2 VALUE PACK</p> <ul style="list-style-type: none"> • 3 PRIMER (6ml) • 3 BOND (5ml) 	 <p>#3282WD CLEARFIL™ SE BOND 2 Primer</p> <ul style="list-style-type: none"> • 1 PRIMER (6ml)
	 <p>#3250WD CLEARFIL™ DC Activator</p> <ul style="list-style-type: none"> • 1 Activator (4ml)



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Website www.kuraraynoritake.com

- 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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