

**3M** Science.  
Applied to Life.™

**3M™ Scotchbond™ Universal Plus**  
Adhesive

**The original,  
now better  
than ever!**



# The benchmark adhesive you trust . . .

3M™ Scotchbond™ Universal Plus Adhesive takes universal adhesives to the next level. It keeps all the benefits of the original 3M™ Scotchbond™ Universal Adhesive while adding even greater control and predictability – because a good adhesive should provide more than just a strong bond.

**5** steps  
forward from  
the original

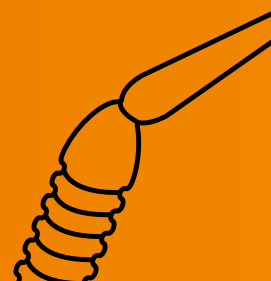
- Added radiopacity
- Bonds and seals caries-affected dentin
- Advanced bonding to dental and restorative substrates, including glass ceramics
- Full dual- and self-cure compatibility without additional dual-cure activator bottle
- Free of BPA derivatives like BisGMA



Plus, the original Scotchbond Universal Adhesive's popular features:

## Universally suitable

- ✓ Direct
- ✓ Indirect
- ✓ All etching techniques



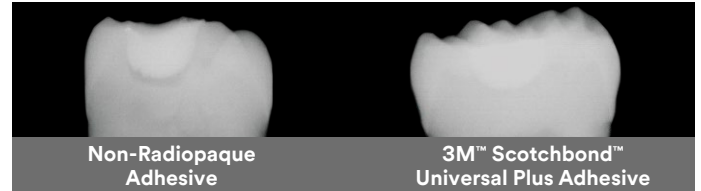
# ... now setting a new standard

## Minimally Invasive Dentistry



### Added radiopacity

Radiolucency under an existing restoration could lead to misdiagnosis and invasive overtreatment. 3M™ Scotchbond™ Universal Plus Adhesive is **the first radiopaque universal adhesive** with dentin-like radiopacity, helping to overcome this issue.



**Intentional adhesive pooling under Class I restorations** – X-rays of extracted human molars, filling material 3M™ Filtek™ One Bulk Fill Restorative. K. Dede et al., J Dent Res 99 (Spec Iss A): 192 IADR, 2020 – 3M internal data, H. Loll et al., J Dent Res 99 (Spec Iss A): No. 757, 2020

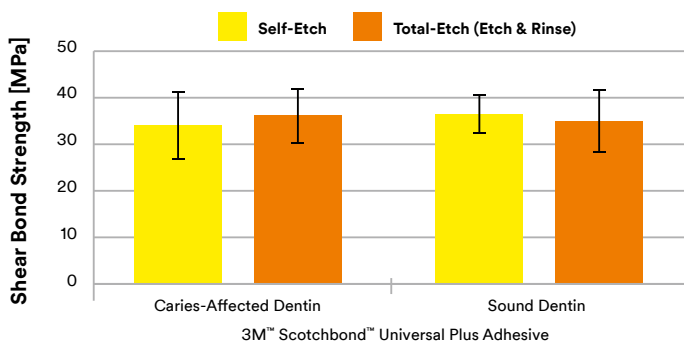
“These doubtful X-rays happen every day; most often critical step in bitewing radiograph, class II in proximal box.”  
– Prof. Dr. Angelo Putignano, University of Marche-Ancona, Italy

“Radiolucent adhesive pooling underneath a restoration doubles the risk of restoration replacement.”  
– Dr. John O. Burgess, University of Alabama, USA

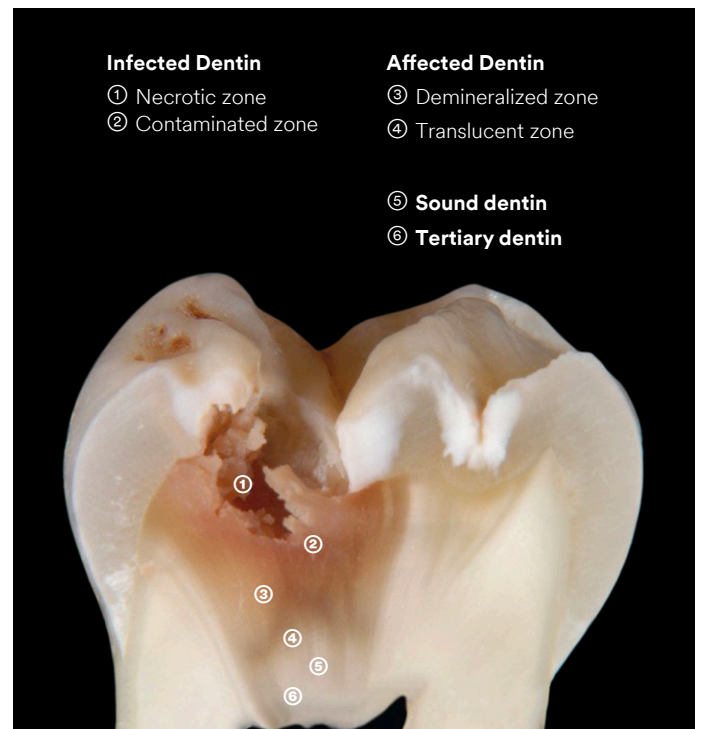
### Bonds and seals caries-affected dentin to help preserve tooth structure

Scotchbond Universal Plus Adhesive gives you **confidence when performing minimally invasive preparations** because it has the same high bond strength to caries-affected dentin as to sound dentin.

In addition to the excellent quality of the restoration margins, it seals caries-affected dentin by forming a well-defined, void-free hybrid layer – because “the seal is the deal” to prevent secondary decay.



**Shear bond strength on caries-affected and sound dentin** – C. Thalacker, et al., Interaction of an Experimental Universal Adhesive with Caries-Affected Dentin, J Dent Res 99 (Spec Iss A): 191 IADR, 2020



**Caries zones** – Image courtesy of Prof. Leandro Hilgert and Prof. Soraya Leal, University of Brasilia (UnB), Brazil

**Bonds all restorative materials**

without the need for separate primers

**Virtually no post-operative sensitivity**

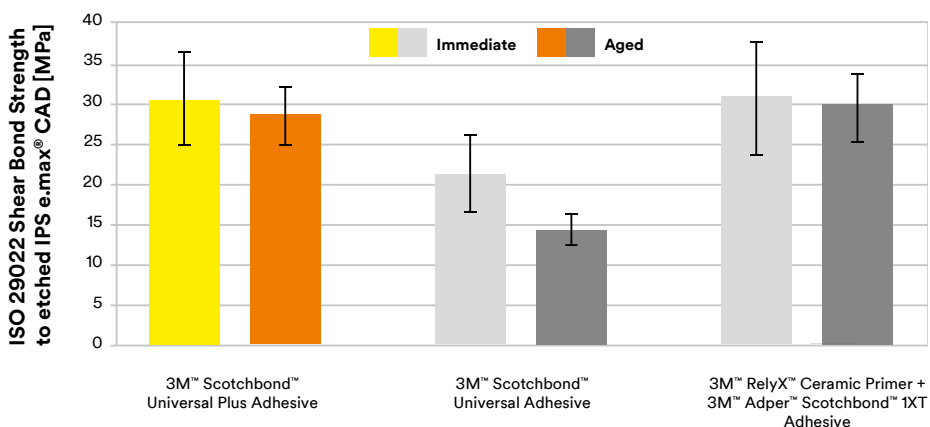
**99%**

of dentists reported that 3M™ Scotchbond™ Universal Plus Adhesive shows virtually no post-operative sensitivity\*

\* Field evaluation with 309 dentists and over 20,000 applications

# Advanced bonding to glass ceramic

Scotchbond Universal Plus Adhesive reaches the gold standard level of traditional, separate silanes.



Shear bond strength on glass ceramic – Prof. Dr. Bart van Meerbeek et al., KU Leuven, Belgium, Report to 3M, 2020

## Report conclusion:

3M™ Scotchbond™ Universal Plus Adhesive performed better than 3M™ Scotchbond™ Universal Adhesive for glass ceramic (IPS e.max® CAD, Ivoclar Vivadent) bonding. After the glass ceramic was etched with HF acid, a favorable ‘immediate’ and ‘aged’ share bond strength were recorded.

## Fully aligned system with 3M™ RelyX™ Universal Resin Cement

Excellent bond strength for virtually all dual-cure resin cement indications. Simplified workflows – adhesive cured by RelyX Universal Resin Cement.



## Ordering Information

### Item no. Product information

#### 3M™ Scotchbond™ Universal Plus Adhesive – Vial

41293	<b>Intro Kit Vial</b> 1 Vial 5ml, 50 Disposable Brushes, 1 Etchant Syringe 3ml, 25 Dispensing Tips
41294	<b>Refill Vial – 1 × 5ml</b>
41295	<b>Refill Vial – 3 × 5ml</b>
41263	<b>3M™ Scotchbond™ Universal Etchant Etching Gel</b> 2 Syringes x 3ml, 50 Dispensing Tips

#### 3M™ Scotchbond™ Universal Plus Adhesive – Unit Dose

41297	<b>Intro Kit Unit Dose</b> 50 Unit Doses, 1 Etchant Syringe 3ml, 25 Dispensing Tips
41298	<b>Unit Dose 100</b> 100 Unit Doses, 1 Etchant Syringe 3ml, 25 Dispensing Tips
41299	<b>Unit Dose 200</b> 200 Unit Doses, 1 Etchant Syringe 3ml, 25 Dispensing Tips
41304	<b>Unit Dose 400</b> 400 Unit Doses, 1 Etchant Syringe 3ml, 25 Dispensing Tips



### Vial

with smooth and even surface – easy to wipe off excess



### Unit Dose

for efficient hygiene management – reduces the risk of cross contamination



3M.com

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3M.com/dental

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