



**3M**

3M.com/ScotchbondUniversalPlus

**Description**

3M™ Scotchbond™ Universal Plus Adhesive is a light-cured, single-component dental adhesive:

- Next generation of 3M™ Scotchbond™ Universal Adhesive
- The first radiopaque, universal adhesive available on the market
- Compatible with light-, dual-, and self-cured composite materials, cements, and core-build-up materials
- Can be used with self-etch, selective-etch, and total-etch techniques

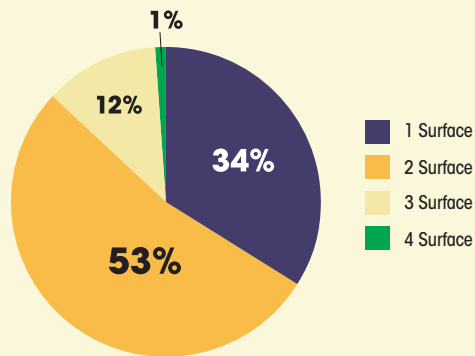


**Clinical Evaluation Protocol**

3M™ Scotchbond Universal Adhesive Plus was used to bond a total of **2,425** composites, crowns and veneers over two years. Of these restorations, 2,005 were one - to two-years old and available for recall. Areas for consideration and evaluation were retention, lack of post-op sensitivity, and lack of marginal discoloration.

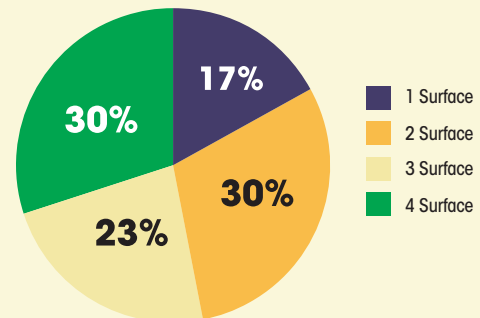
**Total Direct Restorations Placed**

Fig. 1: Posterior: Total 1,843



1 Surface .....	634
2 Surface .....	969
3 Surface .....	222
4 Surface .....	18

Fig. 2: Anterior: Total 582



1 Surface .....	98
2 Surface .....	176
3 Surface .....	135
4 Surface .....	173

Fig. 3: Age of Direct Restorations in Function

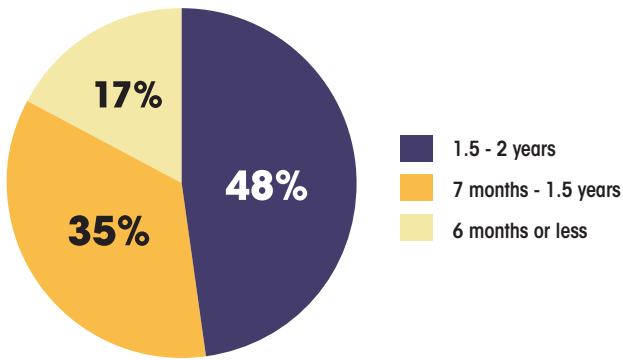
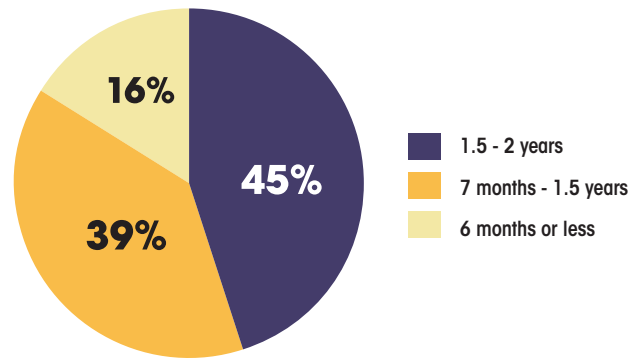


Fig. 4: Age of Indirect Restorations in Function



### Clinical Summary and Observations

#### Retention

No restorations placed using **3M™ Scotchbond Universal Plus Adhesive** debonded during the two years of service (Figure 4). There were three anterior restorations that had to be replaced because of chipping due to bruxism.

#### Lack of Postoperative Sensitivity

No patients reported any long-term sensitivity in the teeth where **3M™ Scotchbond Universal Plus Adhesive** was used.

#### Lack of Marginal Discoloration

One-hundred percent of restorations evaluated at recall show no signs of marginal staining (Figure 4).

### Summary

A total of 2,425 restorations were placed over the past two years, using **3M™ Scotchbond Universal Plus Adhesive** as the bonding system. 2,005 restorations were one - to two-years old and available for recall. All restorations received excellent ratings for resistance to marginal discoloration, lack of postoperative sensitivity and retention. None of the restorations debonded over the two-year period. **3M™ Scotchbond Universal Plus Adhesive** received a 100% clinical performance rating at two years.

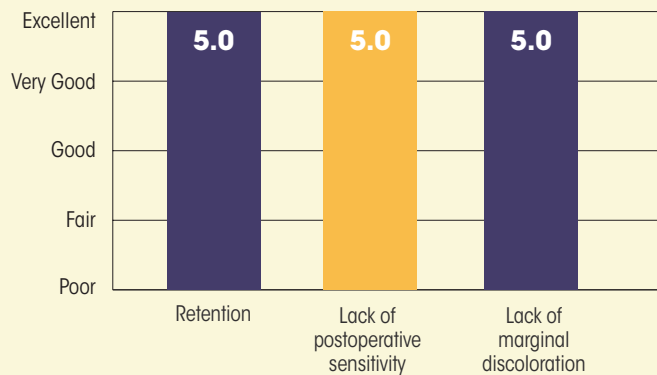


2-year post-op, #4-13 lithium disilicate veneers/crowns

### Evaluators' Comments

- *"3M™ Scotchbond Universal Plus Adhesive allows us to stock one product to bond anything in the office."*
- *"The combination of the dispenser and the viscosity of the product give me assurance that I am fully coating the restoration. The material is not runny."*
- *"I've had zero issues with debonds or sensitivity with this adhesive — it's the best!"*
- *"You can use it with many more bonding procedures without the need for a separate activator."*

Fig. 4: Results of 3M™ Scotchbond™ Universal Plus Adhesive at 2-Years



Restorations were evaluated on a 1-5 rating scale: 1 = poor, 2 = fair, 3 = good, 4 = very good, 5 = excellent