

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

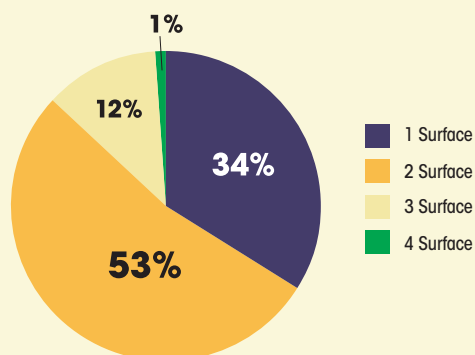


Clinical Evaluation Protocol

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.

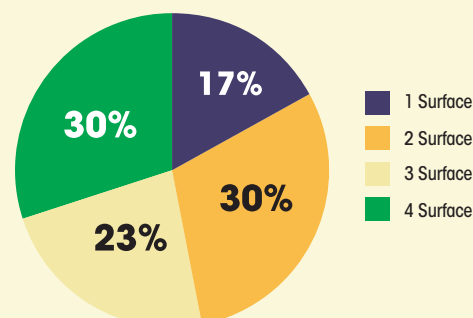
Total Direct Restorations Placed

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

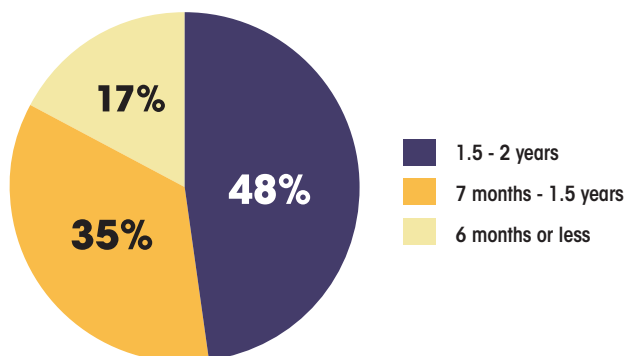
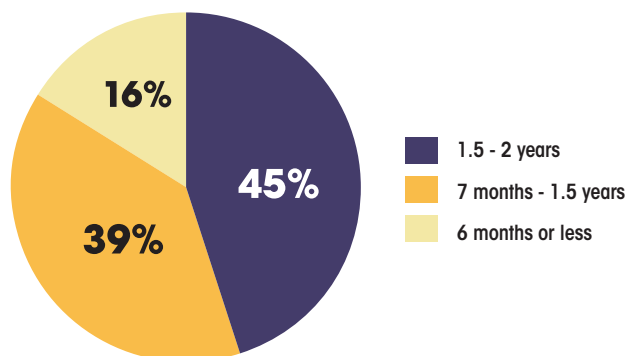


Fig. 4: Age of Indirect Restorations in Function



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.

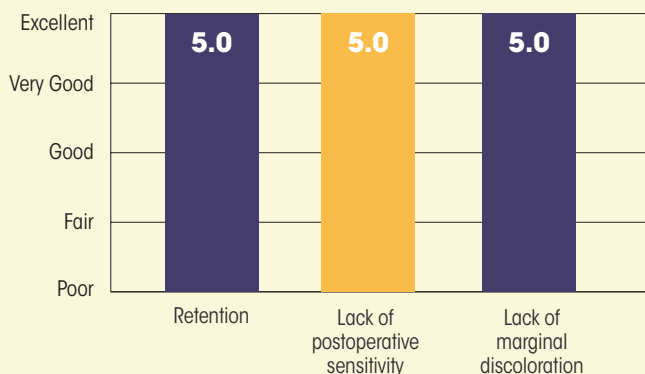


2-year post-op, #4-13 lithium disilicate veneers/crowns

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