



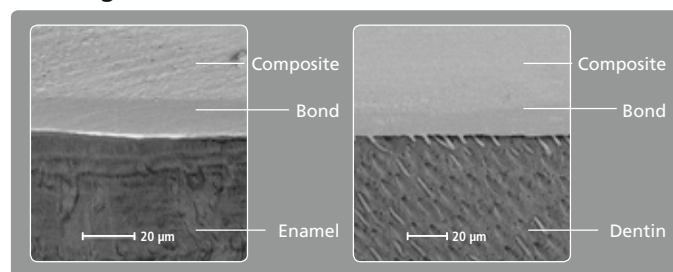
EFFORTLESS BONDING ON  
ANY SURFACE!

**One Coat 7.0 is a 7th generation, single component, light-cured, self-etching adhesive designed to etch, prime and bond all in one solution for effortless bonding performance on any surface!**

## Prof. Ivo Krejci, University of Geneva

*"The Coltène/Whaledent material (One Coat 7.0) tested in this study was as good as, and respectively superior to Clearfil® S³ Bond\* and Clearfil® APX\*. Noteworthy was the fact that (One Coat 7.0) demonstrated good marginal adaptation on enamel and dentin at the same time. The other single component adhesives demonstrated good results on either enamel or dentin, but not on both substrates combined."*

## Bonding Interface on Enamel/Dentin



Cross-sectioned extracted human molars showing bonding interface between enamel and dentin surface and One Coat 7.0.

Source: Prof. Michael F. Burrow  
The University of Melbourne, Australia

## EFFORTLESS, WORRY-FREE APPLICATION

### ONE BOTTLE

- Fewer components save time and minimize confusion.

### ONE COAT

- No reapplication or waiting period required.

### FAST APPLICATION IN 35 SECONDS

- Fewer steps save time and minimize error.

### LOW-EVAPORATION FORMULA

- No volatile acetone-based solvents that can quickly evaporate.

### NANOFILLED TECHNOLOGY

- Delivers a homogenous bond layer.
- Improves mechanical strength, abrasion resistance and marginal integrity.

## COMPARISON OF APPLICATION STEPS/TIME

Brand	Apply/Rub 1	Reapply 2	Reapply 3	Wait	Air Blow	Light-Cure	# of Steps	Total Time
<b>One Coat 7.0</b>	×				×	×	<b>3</b>	<b>35s</b>
Clearfil® S³ Bond *	×				×	×	3	40s
G-Bond™ *	×			×	×	×	4	30s
AdheSE® One *	×				×	×	3	45s
Xeno® IV *	×	×			×	×	4	55s
Xeno® V *	×	×			×	×	4	55s
OPTIBOND® All-In-One *	×	×			×	×	4	55s
iBond® *	×	×	×	×	×	×	6	70s

Source: Published data

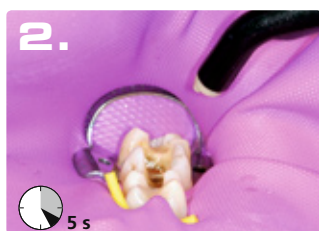
The table illustrates the number of application steps involved and the total time required among competitive bonding adhesives and One Coat 7.0. The data was compiled using published instructions for use.

\* Not a trademark of Coltène/Whaledent

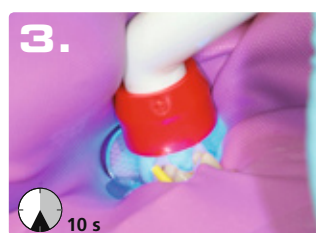
## CLINICAL CASE



1. Brush one layer onto tooth and massage



2. Dry using a gentle air stream



3. Light cure (>800 mW/cm²)

### Indications:

- direct fillings
- indirect restorations
- bonding/repairs of composite to ceramic, metal, amalgam and composite
- dentin sealing

# ING ON ANY SURFACE!

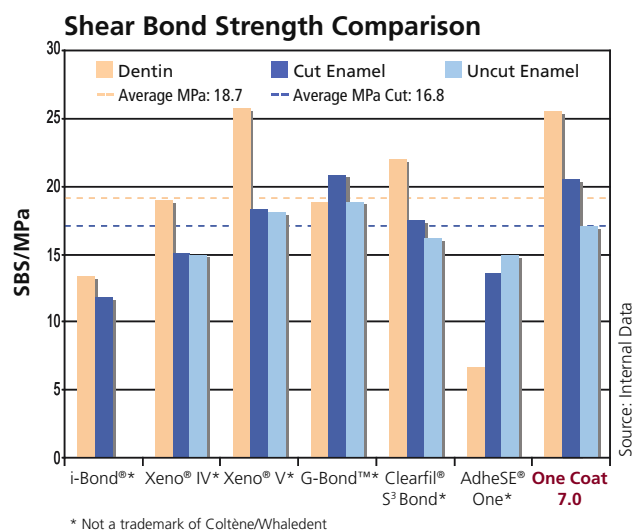


## OUTSTANDING SHEAR BOND STRENGTH

One Coat 7.0 demonstrated excellent shear bond strength to dentin and cut enamel.

Compared to the average shear bond strength from the competition, One Coat 7.0 demonstrated:

- over 35% higher shear bond strength to dentin.
- over 20% higher shear bond strength to cut enamel.

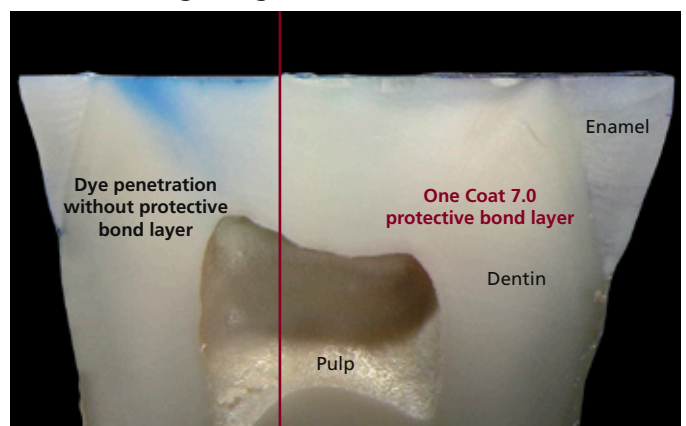


## SUPERIOR MARGINAL INTEGRITY WITH LOW RISK OF POSTOPERATIVE SENSITIVITY

One Coat 7.0's special formulation demineralizes the dentin and enamel surfaces, thus solubilizing the smear layer without ever removing it from the open tubules.

The end result is a low gap formation, which prevents microleakage and minimizes the risk of postoperative sensitivity.

### Dentin Sealing using One Coat 7.0



One segment of the cross-sectioned extracted human molar was coated with One Coat 7.0 and then with methylene blue dye afterwards. One Coat 7.0 demonstrated excellent dentin sealing properties.

## ANTIBACTERIAL\*

One Coat 7.0 was tested as antibacterial.

\*Test method: Proliferation assay for testing the antimicrobial activity with *S. epidermidis* by QualityLabs, Germany.

## ONE COAT 7.0 ACTIVATOR

One Coat 7.0 Activator ensures compatibility to chemical-cured materials.





## Ordering Information

### 7047 One Coat 7.0 Intro Kit

One Coat 7.0	1 x 5 ml
Microbrush, black	50 pcs.
Mixing well	1 pc.
Cover, mixing well	1 pc.

### 7049 One Coat 7.0 Refill

One Coat 7.0	1 x 5 ml
--------------	----------

### 7054 One Coat 7.0 Activator Kit

One Coat 7.0 Activator	1 x 3 ml
Microbrush, grey	50 pcs.

**7634 One Coat 7.0 Microbrush, black** 50 pcs.

**7637 One Coat 7.0 Activator Microbrush, grey** 50 pcs.



www.coltenewhaledent.com  
© 2008 Coltène/Whaledent AG

**Coltène/Whaledent Ltd.**  
The President Suite-A  
Kendal House, Burgess Hill  
Victoria Way  
West Sussex, RH15 9NF/U.K.  
Tel. +44 (0)1444 235486  
Fax +44 (0)1444 870640  
hq@coltenewhaledent.co.uk

**Coltène/Whaledent AG**  
Feldwiesenstrasse 20  
9450 Altstätten/Switzerland  
Tel. +41 (0)71 757 53 00  
Fax +41 (0)71 757 53 01  
office@coltenewhaledent.ch

**Coltène/Whaledent Inc.**  
235 Ascot Parkway  
Cuyahoga Falls, Ohio 44223/USA  
Tel. +1 330 916 8800  
Fax +1 330 916 7077  
productinfo@coltenewhaledent.com

**coltène**  
**whaledent**