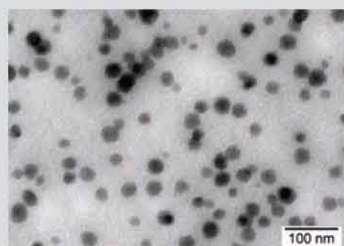
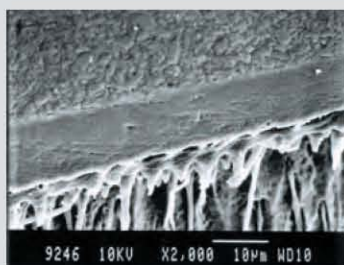




PRIMA™ 1



Nano fillers, hanse chemie AG, dispersion in PRIMA 1, BJM. TEM. Internal communication.



Hybridisation of dentin and resin / dentin interface with PRIMA 1, SEM. Internal communication.



RELATED PRODUCTS:

1. Q-Core
2. High-Q-Bond



Light cured, self-etching, 1 component dentin/enamel bonding agent. Nano-Technology, dendritic polymer incorporated chemistry.

INDICATIONS:

- Direct composite restorations.
- Core Build-Up.
- Adhesive cementation of posts, crowns & bridges, including inlays and onlays.

PROPERTIES:

PRIMA 1 is a 7th generation, light cured, self etching, 1 component, dentin/enamel bonding agent, which combines etch, primer and adhesive into a single component for ease of application. • PRIMA 1 turns a multi-step procedure into a quick, easy solution that maximizes patient comfort while streamlining your working processes. • PRIMA 1 utilizes the latest advancements in nano-technology and dendritic polymer incorporated chemistry and forms an excellent bond with dentin and enamel, any

self-cured, visible light-cured or dual-cured Composite, Compomer restorative material and with Composite Resin Cements.

• Scanning electron micrographs indicate that PRIMA 1 application forms the essential hybrid zone on dentin. • Now, you can save time and efforts by etching, priming and bonding in a single step. No mixing. No mess. No worries. • You can be confident that your bonding process will be perfect every time.

SCIENTIFIC PAPERS:

1. Report on file: G6 and G7 (BJM), Prof. M. Degrange, Dr. W. Aranda, University of Paris, 2006.

PACKAGING & ORDER INFORMATION:

- Item # 100240 -
1 Bottle 4ml of Prima 1
- Item # 100241 -
1 Bottle 4 ml of Prima 1
50 Applicators
- Item 100245 -
40 caps 0.1 ml Each of Prima 1
50 Applicators

TECHNICAL DATA

Shear Bond Strength to un-etched dentin	30 MPa
Shear Bond Strength to un-etched enamel	35 MPa
Excellent wettability and penetration in to the dentinal tubules	
Forms the essential Hybrid Zone	
pH	3.0
Type of Cure	Light Cured
Filler Weight	3.0%
Refrigeration Required	No
Number of Steps	3
Total Time	60 sec.
Shelf Life	2 Years