

Hi-Bond[®] UNIVERSAL

U.S. Patented FDA
MULTI PURPOSE UNIVERSAL ADHESIVE

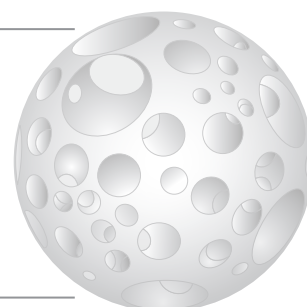
8th Generation bonding system containing 10-MDP and MBG filler.

Advantages

- Hi-Bond Universal is one-bottle adhesive containing 10-MDP and can be applied reliably to all etching procedures
- Hi-Bond Universal induces a formation of hydroxyapatite and helps remineralization on the dentin surface with specialized technology of “MBG”

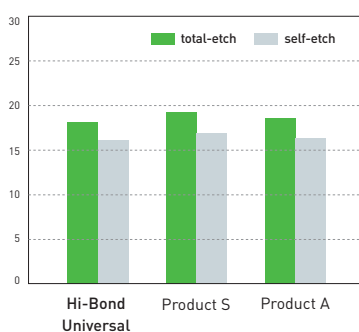
MBG(Mesoporous Bio Glass) Nano Filler

- It incorporates MBG as a filler which has nano pore size and large specific surface area
- MBG induces a formation of hydroxyapatite on dentin surface
- MBG helps remineralization and dentin hypersensitivity mitigation of dentin

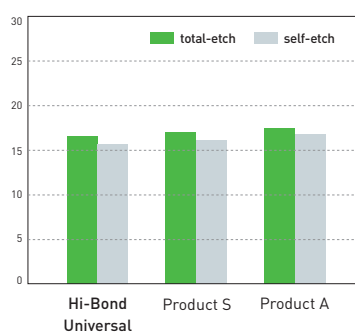


Physical properties

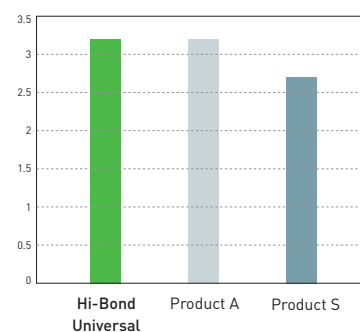
Bovine enamel bond strength (MPa)



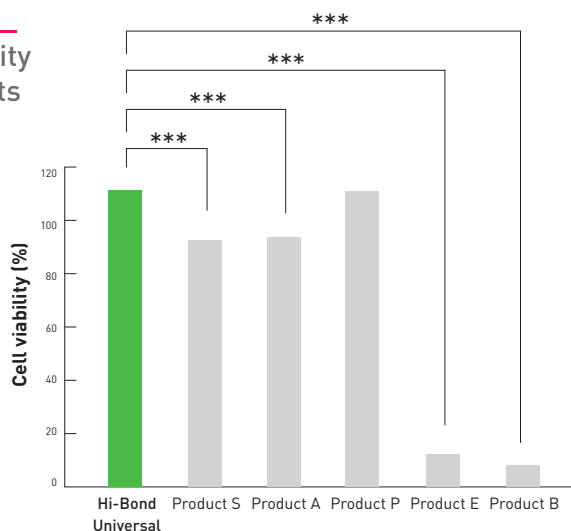
Bovine dentin bond strength (MPa)



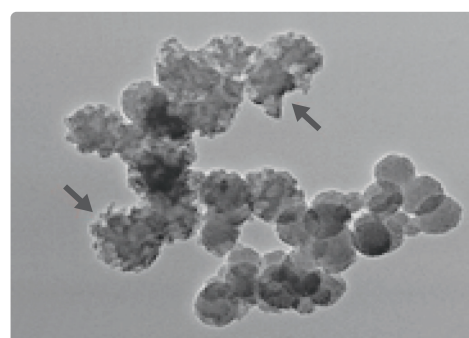
pH



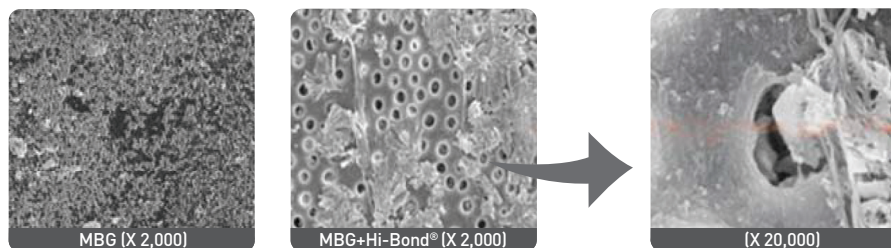
Cell viability test results



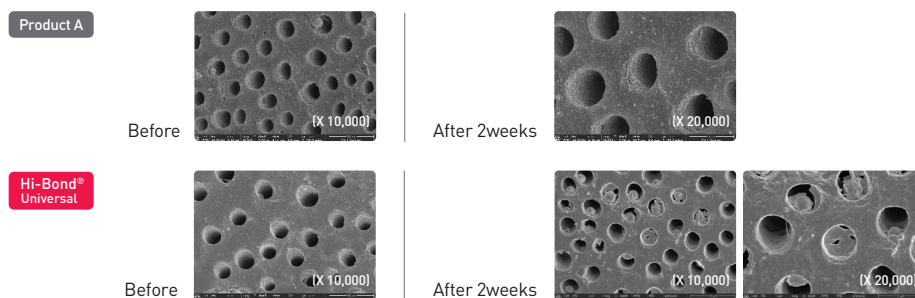
MBG SEM (X 2,000)



Formation of hydroxyapatite(HAP) intraoral



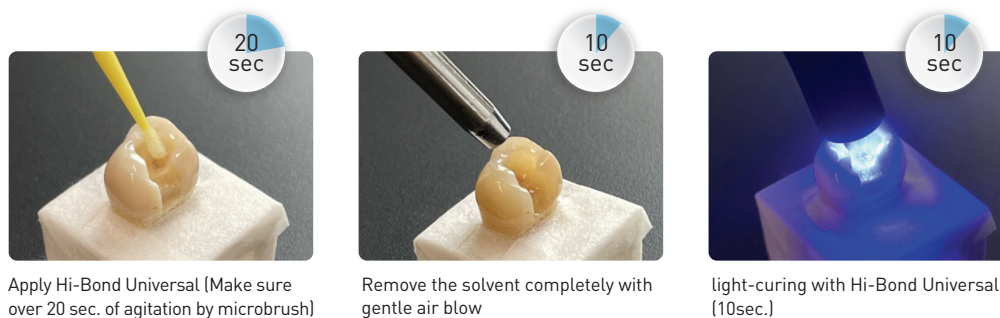
IV. Dentinal tubule remineralization test result



Certificates & Research



Application method



FDA

8th GENERATION MULTI PURPOSE UNIVERSAL ADHESIVE

CONTENTS

303-2 Hi-Bond Universal 5ml x 1ea

303-3 Hi-Bond Universal 2.5ml x 1ea



5th GENERATION BONDING SYSTEM

CONTENTS

303-1 Any-Bond 5ml x 1ea