

9.0. Adhesive and Cement

9.1. Cure On Touch

Direct bonding has become a well-recognized procedure in orthodontics and offers a superior alternative to the older banding techniques in many clinical situations. The main problems encountered with many other direct bonding products involve:

- Inconsistent working times (i.e., working times too long or short);
- Incorrect consistency (making applications difficult or time-consuming);
- Poor adhesion to either tooth structure or bracket;
- Discoloration of the adhesive.

Sci-Pharm adhesives have addressed these problems, virtually eliminating bonding failures, facilitating the clinician's work and allowing for substantial time savings. Available plastic bracket primers enable the clinician to use tooth-colored or

transparent plastic brackets in situations where esthetics are of primary concern. The newest development in the field involves light-cured adhesives that are suitable for use with all kinds of brackets, including metal, and offer the convenience of unlimited working time. All Scientific Pharmaceuticals' adhesives are suitable for use with the newer ceramic brackets.



Kit Code AE600-221

KIT CONTAINS: Instructions Accessories
Cat. No. **600-222** Part A Primer, 14g
Cat. No. **600-223** Part B Adhesive, 5g x 3
Cat. No. **600-224** Enamel Conditioner, 9g

Kit Code AE600-220

KIT CONTAINS: Instructions Accessories
Cat. No. **600-225** Part A Primer, 7g
Cat. No. **600-223** Part B Adhesive, 5g
Cat. No. **600-224** Enamel Conditioner, 9g



9.2. Light-Cured Adhesive CuRay - Eclipse

Outstanding Features of the product:

- Easy to use, reliable
- Unlimited working time
- Outstanding color stability Versatile
- Virtually insensitive to the clinician's technique of application
- Long shelf-life; low sensitivity to storage conditions



Kit Code AE600-231

KIT CONTAINS: Instructions Accessories
Cat. No. **600-232** Adhesive Paste, 5g x 4 syringes
Cat. No. **600-233** Enamel Primer, 7g
Cat. No. **600-234** Enamel Conditioner, 13cc

Kit Code AE600-230

KIT CONTAINS: Instructions Accessories
Cat. No. **600-235** Adhesive Paste, 5g
Cat. No. **600-236** Bonding Agent, 3.2g
Cat. No. **600-237** Enamel Conditioner, 9g

9.3. Orthodontic Band Cement with Fluoride

Outstanding Features of the product:

- Virtually unlimited working time.
- Ease of handling.
- Economy of use – minimum waste.
- Highly reliable.
- Time savings, fast application.
- Contains leachable fluoride.
- Long shelf life with no need for refrigeration

Kit Code AE600-240

KIT CONTAINS: Instructions Accessories

2 X 5g Cement in two Syringe-type Dispensers



9.4. Pit & Fissure Sealers

Self-Cured Resin

For sealing occlusal fissures and bonding composite restoratives to etched enamel.

Outstanding Features of the product:

- Low water sorption ensures good stain resistance and durability
- Long shelf-life with no need for refrigeration
- Versatile - may be used as a fissure sealer or bonding agent
- Ease of examination due to opacity of the white version and fluorescence of untinted version
- Economical and convenient to use



ECONOMY UNIT CONTAINS:

Cat. No. **AE600-250** Kit Clear - Untinted

Cat. No. **AE600-251** Introductory Kit Clear - Untinted

Cat. No. **AE600-260** White-Opaque

Cat. No. **AE600-261** Introductory Kit White-Opaque

KIT CONTAINS: Instructions Accessories

Cat. No. **600-252** Part A Sealer, Clear, 12.5cc (50-01 kit)

Cat. No. **600-253** Part A Sealer, Opaque, 12.5cc (51-01 kit)

Cat. No. **600-254** Part B Sealer, 12.5cc

Cat. No. **600-255** Enamel Conditioner, 13cc