

# BISTITE® II DC

Self-etching, Dual-cured Adhesive Resin Cement

Bistite® II DC is a self-etching, dual-cured adhesive resin cement system with excellent handling and adhesive properties. Bistite® II DC Kit is designed and manufactured for cementation of precious and non-precious metals, ceramics, porcelain, cured composite crowns, inlays, onlays, bridges and veneers. Metaltite®, precious metal primer, and Tokuso® Ceramic Primer are included in the Bistite® II DC Kit.



## Benefits

- Outstanding bond strength
- Low film thickness (10µm)
- Multiple shades availability
- Easy excess removal
- Extended shelf life
- All inclusive kit
- Self-etching
- Eliminate tin plating

## Indications

- Cementation and bonding of precious metal, non-precious metal, cured composite resin, porcelain and ceramic prosthesis
- Repair of fractured porcelains fused to metal crowns and all ceramic restorations
- Cementation of acid etch bridges
- Cementation of resin composite core post systems and metal post and cores

### PHYSICAL PROPERTIES

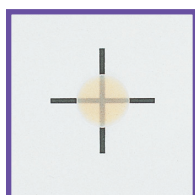
|                      |         |
|----------------------|---------|
| Compressive Strength | 348 MPa |
| Flexural Strength    | 109 MPa |
| Film Thickness       | 10 µm   |

### TENSILE BOND STRENGTH

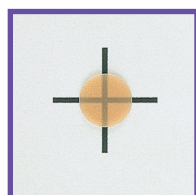
|                |          |
|----------------|----------|
| Enamel         | 24.7 MPa |
| Dentin         | 17.3 MPa |
| Precious Metal | 22.9 Mpa |
| Ceramic        | 23.1 Mpa |

## Shades

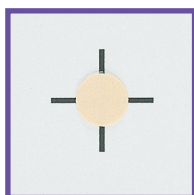
- 3 shades available:  
Clear, Dentin and Ivory



Clear



Dentin



Ivory

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## Product Packages Available

### Bistite® II DC Kit (Clear, Ivory or Dentin shade)

- Bistite® II Paste (A&B) /7g (3.5g each)
- Primer 1 (A&B) /5mL each
- Primer 2/5mL
- Air Barrier/6mL
- Tokuso® Ceramic Primer (A&B)/ 1mL each
- Metaltite®/1mL
- Accessories
  - Mixing Well
  - Mixing Pad
  - Spatula
  - Disposable brush & handle
  - Air Barrier Dispensing Tips



### Refill

- Bistite® II Clear Paste (A&B)/7g (3.5g each)
- Bistite® II Ivory Paste (A&B)/7g (3.5g each)
- Bistite® II Dentin Paste (A&B)/7g (3.5g each)
- Primer 1 (A)/5mL
- Primer 1 (B)/5mL
- Primer 2/5mL
- Air Barrier/6mL (w/Dispensing Tip x 50)
- Air Barrier Dispensing Tip/50 tips
- Tokuso® Ceramic Primer (A&B) /5mL each
- Metaltite®/5mL



### Tokuso® Ceramic Primer

Tokuso® Ceramic Primer is a primer containing a silane coupling agent to improve the adhesion between ceramics and resins. Tokuso® Ceramic Primer can be effectively used as a primer in conjunction with the cementation and repair of ceramic restorations.



### Metaltite®

Metaltite® is a primer to improve the adhesion between resins and precious metals such as gold, titanium, semi-precious metals and many other dental alloys. Its high bond strength eliminates tin plating of metal surfaces.



| BISTITE® II DC PRODUCTS |                               |
|-------------------------|-------------------------------|
| ITEM #                  | ITEM DESCRIPTION              |
| 16306                   | Bistite® II DC Kit (Clear)    |
| 16307                   | Bistite® II DC Kit (Ivory)    |
| 16308                   | Bistite® II DC Kit (Dentin)   |
| 16316                   | Bistite® II DC Paste (Clear)  |
| 16317                   | Bistite® II DC Paste (Ivory)  |
| 16318                   | Bistite® II DC Paste (Dentin) |
| 16336                   | Bistite® II DC Primer 1(A)    |
| 16337                   | Bistite® II DC Primer 1(B)    |
| 16338                   | Bistite® II DC Primer 2       |
| 16371                   | Air Barrier                   |
| 16370                   | Air Barrier Dispensing Tip    |
| 16547                   | Metaltite®                    |
| 16543                   | Tokuso® Ceramic Primer        |
| 16271                   | Bistite® II DC Mixing Pad     |