Cement-It® Universal C&B™ Resin Cementation System

Cement-It® Universal C&B™ Resin Cementation System is the ideal choice for all of your indirect bonding needs. This comprehensive, dual-cure cementation system delivers high bond strengths – up to 25 MPa, reduced sensitivity, and versatility to any bonded restoration. Cement-It Universal C&B can be used when bonding indirect composite, aluminum oxide, zirconium core, metal, and porcelain/ceramic restorations to both dentin and enamel. Cement-It Universal C&B can also be used to bond both fiber and metal posts. Cement-It Universal C&B is suitable for cementing all ceramic restorations.

Cement-It Universal C&B is available in a quick, easy to use auto mix delivery system and is available in three shades to satisfy virtually all cosmetic needs: A2, Opacous White, and Translucent. The small mixing tips minimize waste and allow for direct placement of the cement into the prep or restoration. Cement-It Universal C&B contains fluoride to minimize caries.

### Featured Benefits

- Outstanding bond strength of 24.1 MPa to dentin and 25 MPa to enamel
- Compatible with all crowns, bridges, inlays, onlays, and posts
- Dual-cure, easy clean-up
- Auto-mix delivery reduces waste and allows for hassle free mixing

### Look how Cement-It® Universal C&B™ stands up against the competition!

![Chart showing independent study results](chart.png)

**Independent study results**

- **Shear bond Strength (MPa) to dentin**
- **Cement-It Universal C&B**
- **Panavia**
- **Linkmax**
- **Calibra**

1. Panavia is a trademark of Kuraray Dental. 2. Linkmax is a trademark of GC America. 3. Calibra is a registered trademark of Dentsply International.

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Physical Properties:

- Bond strength to Al2O3 Ceramic Core: 28.0 MPa
- Bond strength to ZrO Ceramic Core: 22.0 MPa
- Bond strength to non-precious metal: 26.0 MPa
- Bond strength to gold: 22.0 MPa
- Bond strength to semi-precious metal: 21.0 MPa
- Bond strength to dentin: 24.1 MPa
- Bond strength to enamel: 25.0 MPa
- Bond strength to silanated porcelain: 30.0 MPa
- Bond strength to lab processed Sculpture® composite:
  - Filler type: Barium, boro-silicate-glass
  - Filler percentage by weight: 66.5%
  - Filler percentage by volume: 52%
  - Filler particle size (avg.): 1
  - Filler particle range: 0.01 - 5
  - Film thickness: ~ 25
  - Diurnal tensile strength: 53 MPa
  - Flexural strength: 104 MPa
  - Modulus of elasticity in compression: 4.5 GPa
  - Compressive strength: 235 MPa
  - Water sorption (g/mm3/wk): 34 ppm
  - Linear coefficient of thermal expansion:
  - Color stability (ADA spec.27): pass
  - X-ray opacity (ADA spec.27): pass

1. When used with Bond-1® C&B® Primer/Adhesive
2. Sculpture is a registered trade mark of Pentron Laboratory Technologies, LLC.

Ordering Information:

Cement-It® Universal C&B® Resin Cement System Kit: N33

Kit Contains:
- 1 - 4ml syringe each of the following shades: A2, Opaceous White
- 1 - 6ml bottle Bond-1 C&B® Primer/Adhesive
- 1 - 5ml bottle PrepEze® Desensitizer
- 1 - 3 ml syringe of 37% etching gel
- 1 - 3ml bottle of Silane

Accessories & Instructions

Refills:
- 1 - 4ml syringe A2 catalyst & base
- 1 - 4ml syringe Opaceous White catalyst & base
- 1 - 4ml syringe Translucent catalyst & base
- 1 - 3ml bottle of Silane
- 2 - 3ml syringes of 37% etching gel
- 2 - 5ml syringes of 37% etching gel
- 1 - 6ml bottle of Bond-1 C&B® Primer/Adhesive
- 1 - 5ml bottle PrepEze Desensitizer

N33A  N33AB  N33AC  N04EA  N01H  N011B  N31B  N33B

For more information on our entire line of innovative dental products visit us at
www.pentron.com or call us at 1.800.551.0283