



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, Opaque 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.

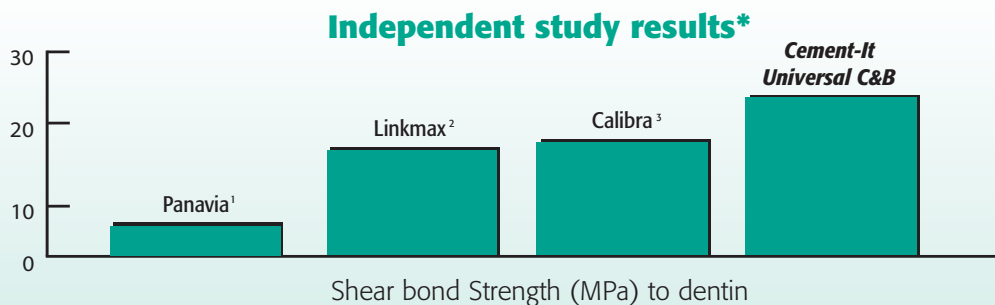


Featured Benefits

- > 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!



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

Cement-It[®] Universal C&B[™]

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Physical Properties:

Bond strength to Al ₂ O ₃ Ceramic Core:	28.0 MPa
Bond strength to ZrO Ceramic Core:	22.0 MPa
Bond strength to non-precious metal ¹	26.0 MPa
Bond strength to gold ¹	22.0 MPa
Bond strength to semi-precious metal ¹	21.0 MPa
Bond strength to dentin ¹	24.1 MPa
Bond strength to enamel ¹	25.0 MPa
Bond strength to silanated porcelain:	30.0 MPa
Bond strength to lab processed Sculpture ^{®†} composite ¹	32.0 MPa
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
Diametral tensile strength:	53 MPa
Flexural strength:	104 MPa
Modulus of elasticity in compression:	4.5 GPa
Compressive strength:	235 MPa
Water sorption (g/mm ³ /wk):	
Linear coefficient of thermal expansion:	34 ppm
Color stability (ADA spec.27):	pass
X-ray opacity (ADA spec.27):	pass

¹ When used with Bond-1[®] C&B[™] Primer/Adhesive)

[†] 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	N33A
1 - 4ml syringe Opaceous White catalyst & base	N33AB
1 - 4ml syringe Translucent catalyst & base	N33AC
1 - 3ml bottle of Silane	N04EA
2 - 3ml syringes of 37% etching gel	N01H
2 - 5ml syringes of 37% etching gel	N01IB
1 - 6ml bottle of <i>Bond-1 C&B</i> Primer/Adhesive	N31B
1 - 5ml bottle <i>PrepEze</i> Desensitizer	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**

800.551.0283 | www.pentron.com | 203.265.7397

Mojo[™] | Bond-1[®] SF | Cement-It[®] Universal C&B[™] Adhesives | Impressions | Restoratives | Crown & Bridge

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