

SUPER-BOND C&B

INSURANCE IN A KIT FOR YOUR DAILY NEEDS

Super-Bond C&B is Self Curing, Dental adhesive resin cement with 4 META/MMA-TBB, serves a bunch of applications in daily needs.

Why a Dentist should buy Super-Bond C&B?

- Multipurpose Self Cure Dental Adhesive Resin Cement.
- Unfilled Resin Cement with unique biocompatible composition (4 META/MMA-TBB) - Slightly Flexible after curing.
- Low Polymerization Shrinkage due to linear polymers of MMA.
- Moisture tolerant - due to TBB catalyst which initiates polymerization even in wet damp tooth surface.
- Hybrid Layer - serves as "Synthetic Enamel- Caries Resistant" this zone resists decalcification from acids & pulpal irritation from micro-organisms & their byproducts.
- Unbelievable tensile bond strength of 28-30 MPa (using V-Primer) to both Non-Precious metals like Ni-Cr, Co-Cr & SS alloys & Precious metals like Au, Ag & Pd alloys.
- Unmatched, long lasting bond strength of 20 MPa to Porcelain surface using silane coupling agent due to 4 META in Super-Bond.
- Absolutely Biocompatible - No Cytotoxicity, No Inflammatory Reactions & Safe for Pulp.



Where does company recommend Super-Bond C&B

"10 Compulsory reasons to earn this kit"

- ✦ CEMENTATION (Metal/PFM/CERAMIC) - Lutes Inlays, Onlays, Crown & Bridge.
- ✦ SPLINTING OF MOBILE TEETH -Without Wires/Fibres/Flowable composites.
- ✦ BRACKET LUTING (Metal/Ceramic/Plastic Bracket) - To Enamel/ Ceramic/ Metal Crown.
- ✦ POST & CORE BUILD UP - Post Luting & Core Build up with Adhesive amalgam.
- ✦ DIRECT BONDED BRIDGE - Resin Pontic bonded to Natural Uncut Abutments.
- ✦ REPAIR OF FRACTURED PROSTHESIS - PFM Crowns / Resin Veneered Crowns.
- ✦ REPAIR OF VERTICAL FRACTURE OF TEETH - Intra Oral or Extra Oral Reimplantation.
- ✦ REPAIR OF ROOT PERFORATIONS - without MTA.
- ✦ PROTECTION OF PREPARED VITAL DENTIN.

Technical data

Tensile Bond Strength: Enamel	15 MPa
Dentin	17 MPa
Knoop Hardness Number	8.9
Flexural Strength	58.3 MPa
Water Sorption	31.2 micro gm/mm ³
Solubility	12.1 micro gm/mm ³

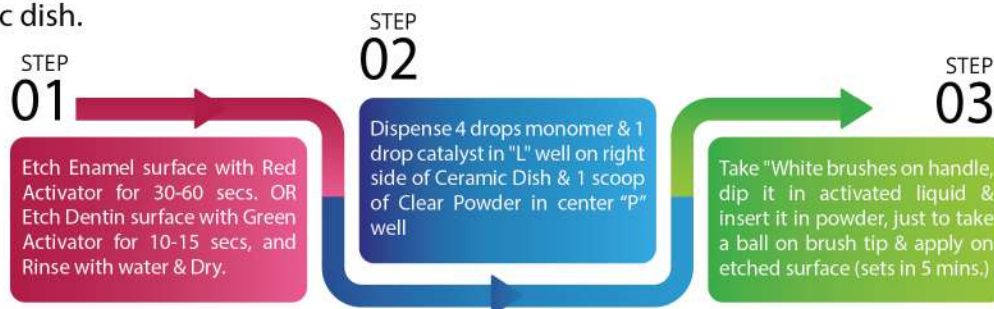
Instructions for use

SUPER-BOND C&B CAN BE USED IN TWO TECHNIQUES:

- A. Brush-Dip Technique - Indicated for Bracket Luting, Splinting, Resin Pontic Bonding etc.
- B. Bulk Mix Technique - Indicated for Luting of Crown & Bridge, Post & Core etc.

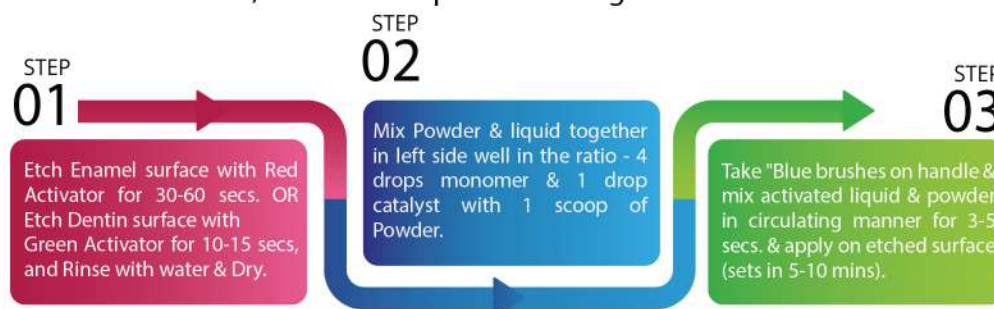
Brush-Dip technique

Indicated for small, pinpoint application, Powder & Liquid taken in separate wells of Ceramic dish.



Bulk Mix technique

Indicated for Cementation, Powder & Liquid mixed together in same well of Ceramic dish.



SUPER-BOND C&B BRUSH DIP STARTER KIT

Inheriting same composition of 4META/MMA-TBB & same properties of high affinity to all substrates in dentistry i.e. Enamel/Dentin/Cementum & Metal/Ceramic & Zirconia, a Compact version of Super Bond is exclusively devised for using in Brush Dip Technique for following applications in dentistry -

S.NO.	DENTAL APPLICATION	USE
1.	Orthodontics	Bonding metal brackets to enamel
		Bonding bracket tubes to precious metal crowns
2.	Periodontics	Direct fixation of mobile teeth
		Periodontal splinting of mobile teeth
3.	Prosthodontics	Direct bonded bridges with resin pontics for congenitally missing teeth
		Natural Tooth Pontic Bonding



Packaging

1. Catalyst V	0.7 ml
2. Monomer	10 ml
3. Polymer	
L-Type Clear	3 gm
L-Type Radiopaque	5 gm
4. Red Activator (Enamel Etchant)	5ml

Packaging

1. Quick Monomer	3.5 ml
2. Catalyst V	0.3 ml
3. Polymer (Brush-dip Clear)	1.5 gm
4. Enamel Etchant Gel	1 ml
5. Dispensing Stand	1
6. Dispensing Cups	20
7. Brush Handle (Bent)	1
8. Brush Tips (Pink L. Brush-dip)	1
9. Needle Tips (23G)	5
10. Needle Cap (Red)	1

Fixation of a Mobile Tooth

Without a wire or a splint



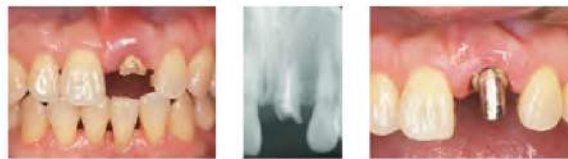
Repair of a Fractured Tooth

Durable bonding to dentin & enamel



Core Cementation

Protecting the root from fracture



Repair of a Perforation

A small perforation can easily be sealed by cementing a core with Super-Bond.



REMARKABLE FEATURES

- Excellent bonding performance to enamel and dentin, metal, porcelain and dental resins.
- Versatile clinical applications.
- A high quality hybrid layer eliminating hypersensitivity and protecting the pulp.

Excellent Resiliency

High resistance to occlusal impact stresses.



Curing From the Tooth Surface

Shows outstanding bond strength and sealing ability.

