CLINICAL CASES

Brush-dip Technique

For direct fixation of mobile teeth, orthodontic application, direct bonded bridge and repair of fractured prostheses.
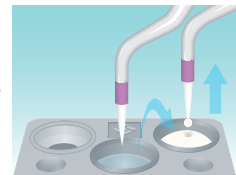
Direct fixation of mobile teeth

① Pre-treatment of teeth ② Dispense ③ Preparation of polymer ball
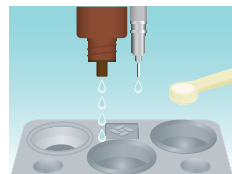
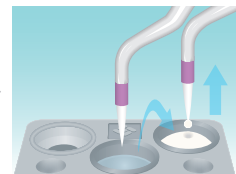④ Apply ⑤ Finish and polish

Repair of a fractured prosthesis
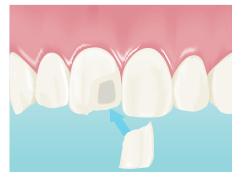

① Pre-treatment of a prosthesis ② Dispense ③ Preparation of polymer ball
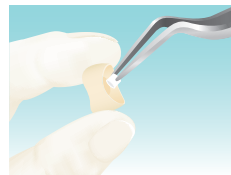
④ Apply ⑤ Seat the prosthesis ⑥ Finish and polish

Bulk-mix Technique

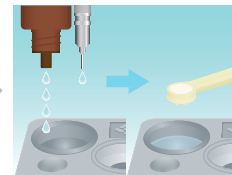For cementing of inlays, onlays, crowns, bridges, veneers and root posts.
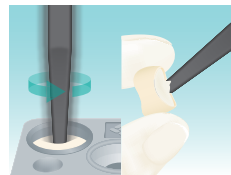
Cementing of a crown

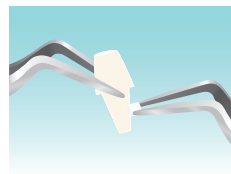① Pre-treatment of a crown ② Pre-treatment of a tooth ③ Dispense

④ Mix and apply ⑤ Seat the crown and remove excess cement
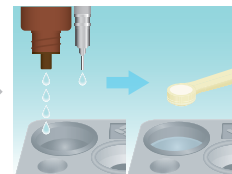
Cementing of a fiber post core

It is convenient to use a micro brush for pre-treatment of root canal and application of Super-Bond.

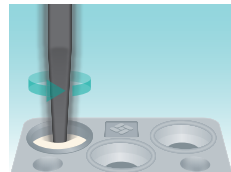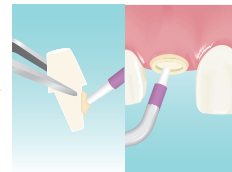

① Pre-treatment of a fiber post core ② Pre-treatment of a tooth ③ Dispense

④ Mix ⑤ Apply ⑥ Seat the fiber post core and remove excess cement

J058M/1C

Super-Bond
Dental Adhesive Resin Cement

Universal Kit
Universal Starter Kit

PRE-TREATMENT

For Enamel Dentin

Teeth Primer

①Apply **20 sec** ②Dry
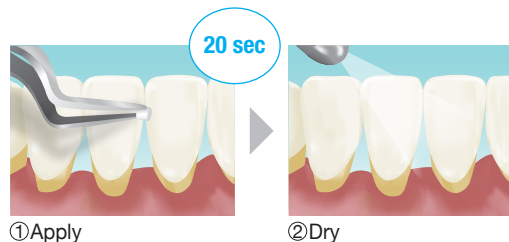
*Before applying Teeth Primer, clean all surfaces to be bonded, rinse thoroughly and dry.
*Etchants (For enamel: Super-Bond C&B Red Activator, Enamel Etchant Gel, For dentin: Super-Bond C&B Green Activator, Dentin Etchant Gel) can be used for tooth surface treatment. Details on how to use these etchants can be found in the attached document.

For Precious Metal (No need pre-treatment for Non Precious Metal) Ceramic Zirconia Resin composite

M&C PRIMER

①Mix

M&C PRIMER A	1 drop
M&C PRIMER B	1 drop

②Apply

③Dry
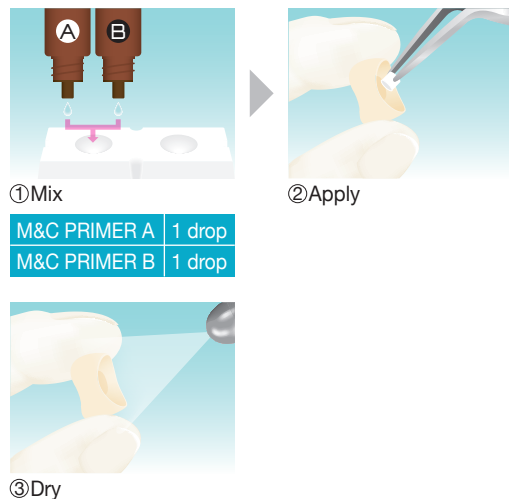
*Clean all surfaces to be bonded following the usual procedure. Pretreat and condition the surface to be bonded, following the specific instructions of each prosthetic material and product. Roughen up the surface with diamond bur or sandblast if necessary.

BASIC COMPONENTS

Super-Bond Quick Monomer

Super-Bond Catalyst V

Super-Bond Universal Polymer
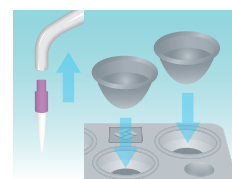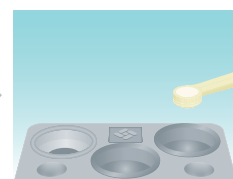
Clear   Esthetic   Radiopaque

Brush-dip technique

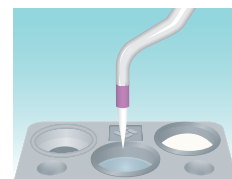①Set two Dispensing Cups to Dispensing Dish and attach Brush Tip to Brush Handle
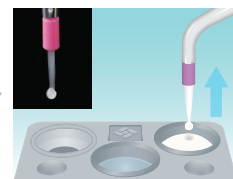
②Dispense an appropriate amount of Polymer

③Preparation of Activated Liquid

Activated Liquid	
Quick Monomer	Catalyst V
4 drops	1 drop
8 drops	2 drops

④Dip the Brush Tip into the Activated Liquid

Use the Activated Liquid within 5 minutes

⑤Touch the Brush Tip to the Polymer powder and pick up the Polymer ball

⑥Apply **Curing time 5-6 min**

Bulk-mix technique

Recommended points of Bulk-mix technique

For the cementing of a large bridge and root post, it can be recommended to use low-viscosity Super-Bond (resin) cement.
Such cement allows to be spread over the entire surface of the restoration easily. In these cases, the following mixing ratio of Activated Liquid / Polymer powder is recommended.

Mixing ratio			Working time from start of the mixing (23℃)	Curing time
Activated Liquid		Polymer powder		
Quick Monomer	Catalyst V			
5 drops	1 drop	1 Small cup	approx. 100 sec.	10-11min

*When using low-viscosity Super-Bond (resin) cement, the use of Brush Tips (Brush-dip L/Brush-dip LL) with Brush Handle is recommended.
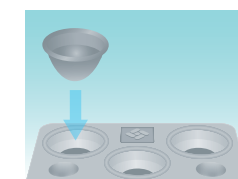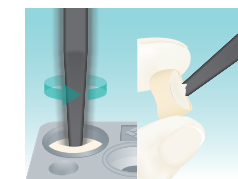
①Set a Dispensing Cup to Dispensing Dish

②Preparation of Activated Liquid

③Add a scoop of Polymer into the Activated Liquid

Mixing ratio		
Activated Liquid		Polymer powder
Quick Monomer	Catalyst V	
4 drops	1 drop	1 Small cup
8 drops	2 drops	1 Large cup

④Mix and apply

Working time from start of the mixing (23℃) is approx. 80 sec.

*The working time varies with ambient temperature

⑤Seat the restoration **Curing time 7-8 min**

Remove excess cement in rubbery state before curing complete