

Indirect Bonding “Auto-Cure” Quick Reference Guide:

The following are the key steps for successful delivery of brackets using custom base indirect bonding trays with auto-cure adhesive, sealant, and adhesion booster. The goals of a clinical assistant are being prepared, following procedural protocol, instructing, and educating the patient on appliance case.

Step 1: Review & Prepare

- Pull the patient’s chart and IDB transfer trays prior to the patient’s arrival.
- Preset the patient’s tray including all the materials needed to prophylax, bond, place, and ligate archwires, and instruct the patient in oral hygiene and appliance care.

Step 2: Prophylax, Isolate, Etch, & Dry

- Prophylax with plain pumice and rinse all teeth to be bonded, place dry angles, & Nola cheek retractors.
- Etch (30 seconds) one arch at a time as you will be delivering one tray at a time. It is recommended to start with the lower arch first. Dry teeth with a tooth dryer.

Step 3: Apply Adhesion Booster & Sealant

- Once the arch is dry, apply the Enhance™ Adhesion Booster to the back of the custom base pads.
- Mix the A & B sealant, Maximum Cure®, and apply to the dry tooth surfaces and the back of the custom base pads.

Step 4: Apply Adhesive & Insert Tray

- Mix equal parts of A & B, Excel®, paste and place in a tip, then add to a syringe. You have 3 minutes of working time.
- Inject a small amount of paste on the back of each custom base pad.
- Place the lower transfer tray on the teeth, you will feel and hear a distinctive “snap fit.” Hold passively for approximately 1 minute then proceed to the upper arch.

Step 5: Remove Trays, Check for Flash, & Place Archwires

- Remove the “hard” outer tray first. It easily slips off.
- Next, starting at the most posterior buccal area, using either an explorer or hemostat, gently pull the tray up and away from each bracket as you work around the arch.
- Check all contacts with a scaler and floss.
- Place and secure archwires.

Indirect Bonding “Light-Cure” Quick Reference Guide:

The following are the key steps for successful delivery of brackets using custom base indirect bonding trays with light-cure adhesive, sealant, and adhesion booster. The goals of a clinical assistant are being prepared, following procedural protocol, instructing, and educating the patient on appliance case.

Step 1: Review & Prepare

- Pull the patient’s chart and IB transfer trays prior to patient’s arrival.
- Preset the patient’s tray including all the materials needed to prophylax, bond, place, and ligate archwires, and instruct the patient in oral hygiene and appliance care.

Step 2: Prophylax, Isolate, Etch, & Dry

- Pull the patient’s chart and IB transfer trays prior to patient’s arrival.
- Etch (30 seconds) one arch at a time as you will be delivering one tray at a time. It is recommended to start with the lower arch first. Dry teeth with a tooth dryer.

Step 3: Apply Adhesion Booster & Sealant

- Once the arch is dry, apply the Enhance™ Adhesion Booster to the back of the custom base pads.
- Secondly, apply a liberal amount of Light Bond™ liquid sealant to the back of the custom base pads and the teeth to be bonded.
- Next, using Light Bond™ paste, inject only a small amount of paste on the back of each pad to ensure all small gaps are filled.

Step 4: Assemble, Instruct, & Reinforce Goals

- Place the lower transfer tray on the teeth, you will feel and hear a distinctive “snap-fit.”
- Light-cure each bracket. It is not necessary to place pressure on the tray while you light-cure.

Step 5: Remove Trays, Check for Flash & Place Archwires

- Remove the “hard” outer tray first. It easily slips off.
- Next, starting at the most posterior buccal area, using either an explorer or hemostat, gently pull the tray up and away from each bracket as you work around the arch.
- Check all contacts for flash with a scaler and floss.
- Place and secure archwires.