

INSTRUCTIONS for **QUICKbase**

INDICATIONS FOR USE

Manufacturing, relining, repairing, and rebasing of partial or full removable dentures, dental plates, bite plates, personal trays, appliances, occlusal splints, and night guards.

DIRECTIONS

1. Preparation of Artificial Teeth

QuickBase is a Heat Cure Resin that uses chemical-bonding. To increase the bonding strength, you may add retention holes to artificial teeth or apply Snow Rock's "Resin Primer" on to the teeth surface.

2. Setup Model

Arrange teeth & wax up the gingival area in the standard way. Invest the flask with stone and wait for it to dry. Remove the wax from the flask using the standard wax wash method or automatically using Snow Rock's Jet Washer Pro machine. After the flask is room temperature, apply resin separator onto the surface and let it dry naturally.

3. Mixing ratio of the powder and liquid

Place the liquid into a container first, then add the powder into the liquid. Mix together for 10 to 15 seconds, with a slightly thick but wet consistency. After mixing, cover jar and wait approximately 15-20 minutes (at room temperature) for the material to reach a dough-like consistency, but not dry or snappy. Remove any white or dry spots from the material before packing.

The standard mixing ratio is

Powder: 30cc (21.5g)

Liquid: 12 ml

	Small	Medium	Large	X-Large
Powder	22cc (15.8g)	30cc (21.5g)	35cc (25.1g)	45cc (32.3g)
Liquid	9ml	12ml	14ml	18ml

4. Press Packing

A. Packing Method Using "JetPAC Hybrid" Injector

Place the material into a plastic bag before placing it inside the metal cylinder.

Pull bag to bottom of the metal cylinder and place a small hole in the bag to prepare for the material to exit.

Connect the metal cylinder to the flask.

Inject using correct slow speed and 5 bar pressure setting.

(See the manual or video of "JetPAC hybrid" injector for detail instructions)

Wait 30 seconds with injection pressure applied.

Remove injection pressure.

B. Standard Packing Method

Pack using the standing method for heat-cure acrylics.

5. Curing & Cooling

Prepare boiling water at 100°C

Insert the flask and maintain the temperature for 10 minutes.

Take out the flask from the water bath.

6. Cooling

After curing is complete, let the flask bench cool for 20 minutes at room temperature.

Flask may be additionally cooled for 20 minutes in cool water if necessary.

7. Grinding and Polishing

Grind and polish using the standard way for heat-cure acrylics.

8. Preservation

Keep the finished denture in water until delivery.

COLORS AVAILABLE

#00 Clear, #11 Original, #12 Light, #13 Light Red-Pink, #14 Dark Pink, #15 Peach, #21 Light Red-Orange, #22 Mild Red, #23 Mild Dark Pink

METHOD OF KEEPING

- Keep the material away from direct sunlight, high temperature or flame. Keep it under cool and room temperature.
- Do not store larger amount of the material in a small space.
- Always place the lid back on after using the material for storage.
- Keep fire extinguishing agent fully equipped where the material is used.
- For professional use only. Keep out hands of non-professionals and children.

CAUTION

1. Precautions for Use

- Material is flammable and may be a fire hazard.
- Adequate ventilation is necessary.
- Protective medical gloves and eyeglasses are necessary to prevent contact with skin and eyes.
- Dust collector and mask is necessary to prevent harmful inhalation in mouth.
- For professional use only.

2. Medical Cautions

- Contains methyl methacrylate. Do not use or handle if allergic.
- If a rash, or dermatitis appears on technician or patient, remove the denture and report to a doctor immediately.
- If the technician experiences nausea or dizziness, cease operation and intake fresh air. If the symptoms continue, report to a doctor immediately.
- Wear gloves, mask and protective eye wear at all times.
- Do not make contact with the powder, the liquid, or the mixed material using bare hands.
- If the material makes contact with bare skin, wipe immediately with alcohol and cotton ball. If the material enters into the eyes, wash eye with flowing water and report to a doctor immediately.

Federal law restricts this device to sale by or on the order of a dentist.

