

## Phase2Gel- Complete Mixing Instructions

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*Note: All times mentioned in these instructions assume a 70°F water temperature and a 70°F room. Warmer conditions will accelerate the setting time of the alginate and cooler conditions will retard it.*

- 1) Fluff the alginate by inverting your canister several times. Packed alginate weighs much more than when it is fluffed and will throw off your mix.
- 2) Take an over-full scoop. Tap the scoop several times with your spatula. Scrape off the excess powder until you have an even scoop-full.
- 3) Use one scoop for a pedo or quadrant tray, two scoops for normal sized trays, and three scoops for large trays.
- 4) Put alginate into a flexible mixing bowl.
- 5) Measure out the water as follows: First line for 1 scoop powder, Second line for 2 scoops and a Full vial for 3 scoops.
- 6) When ready, pour the water into the bowl.
- 7) Stir the mix until most of the powder is wet.
- 8) Begin spatulating. For best results, spatulate your Phase2Gel for about twice as long as you normally do with alginate. Alginate gets smoother and denser the longer you mix it, and you've got plenty of time with Phase2Gel. **You WILL get better impressions by mixing longer.**
- 9) Load the tray. If there are any special considerations- like a deep palate, or missing teeth- take that into consideration when loading the tray.
- 10) Wet the surface of the alginate and smooth it. We don't want any creases or folds or bumps or holes in the alginate. These can cause problems.
- 11) You will notice that the pink color of the alginate is fading fast.
- 12) As soon as you think the alginate has turned white, place the loaded tray into the patients mouth and seat it. Its OK to put it in the mouth sooner, but the alginate will just be in the mouth longer than it needs to be and that can cause some "borderline gaggers" to become very uncomfortable.
- 13) The Phase2Gel should be set and the impression ready for removal approximately 30 seconds after it turns white. Check the residual alginate in the bowl for confirmation of final set.
- 14) Remove the impression from the mouth and inspect.
- 15) Pour your model as soon as practical. It is always a good idea to loosely wrap the impression with a wet paper towel during the period between removal from the mouth and pouring. The sooner you pour the model, the fewer problems you will encounter with the fit of appliances.

