

wonderfill + wonderformer



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Simple and effective

This time-saving model technique is an example of the way profound results can be realized with seemingly simple products.

Don't let its lack of sophistication fool you into believing this product has no value. That should be the "tag line" for a pair of products I stumbled across last year and started using in my removable prosthetic laboratory shortly afterward.

The products I am referring to are Dental Creations' Wonderfill and

its counterpart the Wonderformer (wonderfill.com).

Like most laboratories I am always looking for ways to remain accurate, save time and simplify techniques that are common and necessary to produce a quality end product. Conventional boxing and beading of impressions is a tedious

technique that must be performed to complement and maintain the clinical efforts to impress border depth and thickness (border mold), and transfer those dimensions to a master model. Inversion of the impression in this technique also ensures the stone poured into the boxed area is intimate to the impression by means of gravity.

The boxing system

Wonderfill features

- Reusable
- Non-staining to models
- Easy to use and fast to implement
- Cost effective to use

Wonderformer features

- Adjustable to accommodate varied impression sizes
- Durable latching mechanism
- Cut out access to accommodate tray handle

Combined benefits when used together

- Twenty-five (25) minute time savings over conventional boxing and beading method
- No wax, heat or flame
- Sticks to all impression materials
- Usable with orthodontic as well as restorative models



Fig. A Scaling up to produce multiple boxed models consumes minutes instead of hours.



Fig. B Pre-marking the depth of the sulcus to ensure adequate replication.

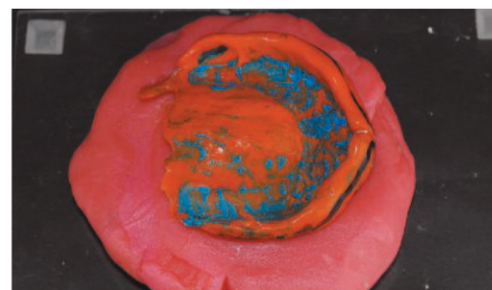


Fig. C The Wonderfill should be 1.5-2 inches thick and wider than the Wonderformer.

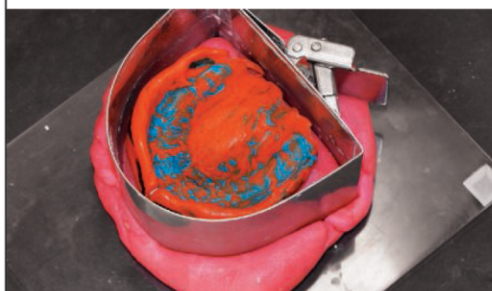


Fig. D Semi and totally unlatching the Wonderformer will provide for wider impressions.



Fig. E Use excess material to backfill.



Fig. F A brush handle is suitable to tamp Wonderfill into place...

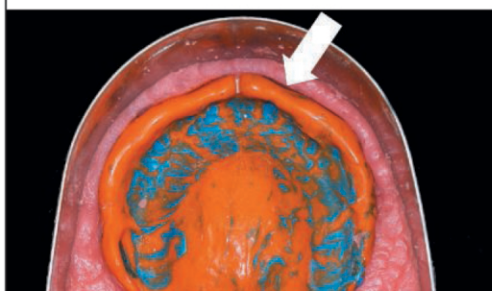


Fig. G ...ensuring adaptation to the impression, the Wonderformer, and controlling the junction of the land area to sulcus adaptation.



Fig. H After the model has been poured and allowed to harden, remove it from the Wonderformer...



Fig. I ...and pull off any excess Wonderfill for reuse.