



CE

DuraLay

Inlay Pattern Resin

Gives Sharper Margins
Burns Out Cleaner
Saves Chair Time

Brush Method

*RICHARD L. MILANO
VIA TIEPOLO
10126 TORINO, ITALY*



Moisten brush in liquid.



Pick up bead of powder



Deposit in preparation.



Repeat till preparation is filled.



Remove pattern for casting.

The DuraLay Brush Method

For Precise Inlay Patterns

DIRECT APPLICATION

1. Pour a small portion of DuraLay powder into one dappen dish and about 6 drops of DuraLay liquid into another.
2. Dry cavity of tooth with blast of air and coat with a thin film of DuraLay lubricant to facilitate removal of pattern. Brush off excess.
3. Dip small brush in liquid and then into center of powder (*do not touch dish*) to pick up a bead on tip of brush. Place in base of cavity. If mix is too thick to flow into place, dip brush into liquid again and touch it to the mix.
4. After floor of cavity is covered, use large brush in same manner to pick up larger quantities and fill in remainder of preparation. Flow of DuraLay can be controlled and directed with brush to approximate shape of tooth.
5. When pattern is set (this will take an additional two minutes after last layer is applied), check bite, trim margins and carve as desired, in or out of the mouth, with bur, disk or rubber wheel.
6. For casting, tack on sprue with wax, and invest and burn out in usual manner. The DuraLay pattern will volatilize in 40 minutes at 800°F leaving no residue.

INDIRECT APPLICATION

The DuraLay Brush Method is equally fast and accurate for building patterns for inlays and bridges on stone, investment or amalgam casts. Rub DuraLay lubricant into model and apply DuraLay beads in same manner as for direct inlays.

MATRIX BANDS On M.O.D.'s, three-quarter crowns and full crowns, a matrix is recommended. The matrix will separate easily from the hardened DuraLay. Trim pattern to desired shape, resetting in position to check; then add contact points.

PACKING METHOD Make a very thin mix using approximately equal portions of DuraLay powder and liquid by spatulating on a cement slab or stirring in a dappen dish. Then pack into matrix-contained cavity with instrument. Cover with cellophane or tinfoil and have patient come to occlusion to secure compression. Hold in position until pattern hardens. Remove from tooth; trim to desired shape.

USE OF WAX Contact points and occlusal surfaces may be added with inlay wax after DuraLay base or core has hardened. Wax may be used also for three-quarter and full crowns, linguals, occlusals, and to check margins.

UNDERCUTS If undercuts exist in the preparation, it will be necessary to disk or bur through the pattern, remove it, adjust preparation, and reconstruct pattern.

HANDLING As DuraLay liquid evaporates during building process, the resin forms a dense, accurate, non-shrinking pattern that may be trimmed, handled and invested without fear of breakage, chipping, distortion or temperature changes. A DuraLay pattern is almost indestructible.

PLASTIC TEETH No separating foil is necessary except when bit is against plastic teeth or fillings, or when packing method is used.

UPPER TEETH For upper teeth, it is best to place first bead of DuraLay in gingival portion of preparation. Enough of it will adhere to gingival section to form a base and permit building of additional layers.

CHAIR TIME Each layer of DuraLay hardens rapidly, so that the initial applications have set by the time the outer layer is applied. Pre-warming powder will accelerate hardening - chilling will retard it. The complete operation should take about 5 minutes after handling has become familiar. Seating of finished inlays from DuraLay patterns saves considerable chair time.

Uses of DuraLay

1. Direct Technique for Cast Posts and Cores
2. Connecting Metal Copings
3. Transfer Copings
4. Connecting a Metal Casting to a Removable Partial Denture
5. Stationary Dies
6. Inlay Impressions
7. Bite Registration

COMBINATION KIT: 2 oz. Powder, 2 oz. Liquid, Dropper, Lubricant, Three Brushes, Two Dappen Dishes.

STANDARD PACKAGE: 2 oz. Powder, 2 oz. Liquid, Lubricant, Dropper.

LABORATORY PACKAGE: 8 oz. Powder, 8 oz. Liquid, Lubricant



Dental Mfg. Co.

5805 W. 117th Pl.
Worth, Illinois 60482