Porcelain Repair
Porcelain Veneer and PFM Repair Kit
U.S. Patent 7175700

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DIRECTIONS—SURFACE PREPARATION
Porcelain
1. Clean the area thoroughly. Use a high speed diamond to remove all weak porcelain.
2. Sandblast the bonding porcelain area for a few seconds.
3. Apply Paint-On Dental Dam in a thin film on gingival surface surrounding the dentition to be isolated.
4. Holding the light tip 1/2 inch away from the Paint-On Dental Dam, light-cure, starting with:
   - 5 seconds—Sapphire® Plus Plasma Arc Curing Light
   - 10 seconds—Flashlite Magna® 4.0
   - 30 seconds—Conventional curing lights
5. Place 1–3 drops of PorceLock® into a plastic dappen dish. Apply PorceLock to the porcelain surface with a disposable brush. Leave in place for 2 minutes, making sure the surface remains moist. Wash thoroughly for 30 seconds and dry with air.
6. Apply Porcelain Conditioner for 30 seconds. Rinse thoroughly with water and air-dry.
7. Apply Contour Prime® with disposable brush. Do not use cotton pellet or sponge. Gently air-dry.
8. Remove Paint-On Dental Dam.

CAUTION:
Porcelain is not recommended for use around breast-feeding women.

Wear eye protection while using this product.
Wear protective gloves while using this product.

CAUTION:
Nuance FLOW has not been studied in children, pregnant or breast-feeding women.

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This kit utilizes Tenure® and Virtuoso® Flowable to repair fractures and other problems related to porcelain veneers and PFM restorations. This combination of bonding and restorative products allows for bonding to all porcelain or metal surfaces and direct restoring with the composite.

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**Enamel/Dentin:**

1. Apply Etch ‘N’ Seal (enamel and dentin) for 10–15 seconds. Rinse and dry thoroughly.
2. Place two drops each of Tenure® A Adhesive and Tenure® B Adhesive into a dappen dish. Mix and apply 3-5 coats of Tenure® mixture with a disposable brush, or until glossy. Let dry 10 seconds.
3. Apply Tenure® Bond Enhancer with Dab-Eze®, Saku®, or brush. Gently blend to an even layer, cure for 5 seconds. Place Tenure® A Adhesive and Tenure® B Adhesive into dappen dish. Mix and apply 3-5 coats of Tenure® mixture with a disposable brush, or until glossy. Let dry 10 seconds.

**Curing Cycle:**

- If necessary, repeat the curing cycle until the underside of the metal. We recommend that you use a 2mm deep test ring to determine the proper curing time for your light. See directions in the Directions-Surface Preparation: Metal section, for curing.

**STORAGE:**

- Do not expose to temperatures exceeding 77 °F (25°C).
- Do not expose to direct sunlight.

**RELATED PRODUCTS AVAILABLE FROM DENMAT:**

<table>
<thead>
<tr>
<th>Description</th>
<th>Kit Number</th>
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<tbody>
<tr>
<td>Cerinate Prime®/Porcelain Conditioner Kit</td>
<td>030381800</td>
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<tr>
<td>Visor Seal® KC</td>
<td>30034900</td>
</tr>
<tr>
<td>EVS® 4G</td>
<td>03042550</td>
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<tr>
<td>ProSonic® Kit</td>
<td>042060</td>
</tr>
<tr>
<td>Paint-On-Dental/Dam Kit</td>
<td>064210</td>
</tr>
<tr>
<td>Saku®</td>
<td>0050</td>
</tr>
<tr>
<td>Tenure® Multi-Purpose Bonding System</td>
<td>03114600</td>
</tr>
<tr>
<td>Shade Modification System</td>
<td>03334900</td>
</tr>
<tr>
<td>Virtuoso® Flashable Custom Kit</td>
<td>03031800</td>
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</tbody>
</table>

**SAFETY DATA SHEETS AVAILABLE AT www.denmat.com**

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**REPAIR—VIRTUOSO FLOWABLE APPLICATION**

1. Apply Etch ‘N’ Seal (enamel and dentin) for 10–15 seconds. Rinse and dry thoroughly.
2. Place two drops each of Tenure® A Adhesive and Tenure® B Adhesive into a dappen dish. Mix and apply 3-5 coats of Tenure® mixture with a disposable brush, or until glossy. Let dry 10 seconds.
3. If necessary, finish and polish the restoration using a fluted bur and polishing paste. (We recommend using PorceLock® polishing paste). Rinse and dry thoroughly.

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**REPAIR—VIRTUOSO FLOWABLE APPLICATION**

1. Select the desired shade and apply a thin layer of Virtuoso Flowable Composite to the prepared surface (porcelain, enamel/dentin, or metal).
2. We recommend that you use a 2mm deep test ring to determine the curing time for your light. See directions in the Directions-Surface Preparation: Metal section, for curing.
3. If necessary, finish and polish the restoration using a fluted bur and polishing paste (we recommend using PorceLock® polishing paste). Rinse and dry thoroughly.

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