

ResiLute™

Dual Cure Resin Cement

FLUORIDE RELEASE

ResiLute is an exceptionally strong, dual cure resin cement with fluoride release and a very low film thickness of 15 microns. It is used for permanent cementation of all metal castings, for indirect ceramic and composite restorations such as laminate veneers, inlays, onlays and crowns, for posts and for bonded amalgam restorations.

ResiLute is designed so that oxygen inhibition provides a long working time on the mixing pad. Once ResiLute is placed under the restoration in the mouth, it can be light cured on demand or it will self-cure in 6 minutes. Place OxOut oxygen inhibiting gel over ResiLute at the margins to prevent formation of an oxygen-inhibited layer.

Resilute is radiopaque and is available in both universal and clear shades. It mixes easily to a flowing consistency preferred for luting cements.

PHYSICAL PROPERTIES

Film thickness: 15 microns

Nominal particle size: 0.7 microns

Percentage of filler: 68.2%

Color: Available in universal and clear shades

MIXING INFORMATION

Mixing Ratio: 1:1

Mixing Time: 15 seconds

Working Time: 6 minutes minimum on a mixing pad

Light Cure: 20 seconds

Self-Cure: 6 minutes

The above times are based on normal room temperature (72°F, 22°C). Exposure to air or to cooler temperatures extends working time. Use of dispensing carpules reduces working time.

DIRECTIONS FOR USE

NOTE: Apply OxOut oxygen inhibiting gel over ResiLute at the margins to prevent formation of an oxygen-inhibited layer.

1. Prepare tooth and restorative surfaces for adhesive bonding following instructions for use for Pulpdent DenTASTIC All Purpose Dental Adhesive, DenTASTIC UNO, UNO-DUO, or your preferred dental adhesive system. Prime porcelain surfaces with Pulpdent Silane Bond Enhancer in accordance with the instructions for use.
2. Mix equal amounts of ResiLute Part 1 and Part 2 for 15 seconds.
3. Apply ResiLute to the prepared surface of the restoration and seat the restoration. Remove excess cement at the margins with a pointed camel hair brush.
4. Hold the restoration in place and use floss to clean excess cement from the interproximal areas.
5. Apply OxOut over ResiLute at the margins to prevent formation of an oxygen-inhibited layer.
6. If light curing is used, cure for 20 seconds. In the case of self-curing, hold the restoration in place for 4–5 minutes, keeping the site isolated during this time.

CAUTION: Avoid contact with skin and eyes. If contact occurs, rinse area with copious amounts of water. Seek medical attention, if necessary.



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