



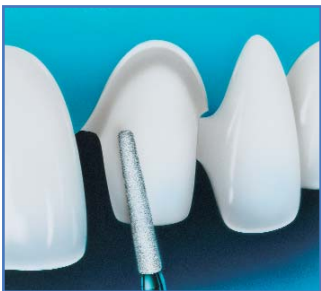
Tescera™ Preparation Guidelines

Tescera Indirect Composite System



Veneer Preparation

- Uniform facial reduction and depth
- Facial reduction: 0.6mm
- Incisal reduction: 1.5mm with rounded edge line angles
- Margin: chamfer with rounded internal line angles



Anterior Crown Preparation

- Incisal reduction: 2.0mm with rounded edges
- Facial and lingual reduction: 1.5mm
- Margin: 1.5mm wide butt joint with rounded internal line angles



Posterior Crown Preparation

- Occlusal reduction: 2.0mm
- Buccal and lingual reduction: 1.5mm
- Margins: 1.5mm wide butt joint (shoulder) with rounded internal line angles



Inlay/Onlay Preparation

- Inlay: Occlusal preparation: min. of 2.0mm in depth
- Onlay: Occlusal (cuspal) reduction: approximately 2.0mm
- Diverging internal walls
- Margins: butt joint (shoulder)
- Isthmus width: min. 2.0mm
- Round all internal line angles

Note: Finish lines should not be in opposing contact areas.

U-BEAM™ Structural Support System



The U-BEAM

TESCERA composites can be reinforced with the U-BEAM. The U-BEAM combines the strength of 2 vertical “I-BEAMS” for cuspal support. The U-BEAM provides a long-lasting durable metal-free bridge resistant to twisting and flexing.

The U-BEAM inlay bridge is an ideal restoration for a missing premolar or molar when a patient does not desire an implant.

Below are ideal (conservative and minimally invasive) preparation recommendations. Teeth presenting large restorations will differ as necessary.



U-BEAM Inlay Bridge Preparation

- Prepare tooth for a standard Class II inlay with the pulpal floor in dentin
- Proximal box: 4mm wide for the 4mm U-BEAM (3mm for the 3mm U-BEAM) with an axial depth of at least 2.0mm
- Gingival floor: at least 2.5mm from the occlusal surface
- Round all internal line angles
- External line angles should be at right angles (without bevels)

U-BEAM Prep Gauge



For exact measurement of the preparation, dental professionals should use the U-BEAM Gauge after prepping.

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800.247.3368**

Tescera™ Cementation & Materials

Cementation Procedure

1. Remove provisional restoration; clean the preparation and try-in the definitive restoration. Eugenol may affect curing of ALL composite materials. If eugenol-containing temporary cement was used, clean the preparation with pumice to remove all traces of the cement.
2. Etch using a self-priming etchant such as TYRIAN™ SPE or phosphoric acid such as UNI-ETCH* or ETCH-37™, according to the manufacturer's instructions.
3. Apply an adhesive, such as ALL-BOND* 2, ONE-STEP* or ONE-STEP* PLUS, according to manufacturer's instructions.

Restoration Preparation:

1. Sandblast internal surface of restoration for 1-2 seconds. Rinse with water, and air dry.
2. Apply one coat of ONE-STEP or ONE-STEP PLUS. Air dry. LIGHT-CURE for 10 seconds. If using ALL-BOND 2 Primers A & B apply 2 coats. Then apply a thin layer of the light-cured bonding resin such as D/E RESIN. Air thin. DO NOT LIGHT-CURE.

Cementation:

1. Mix equal amounts of dual-cured composite cement such as ILLUSION™, CHOICE™, or DUO-LINK™ base and catalyst into a uniform paste (10-15 seconds), until the paste is of a uniform color. To the internal surface of the restoration, apply the cement using an instrument or an applicator.
2. Seat the restoration with gentle, passive pressure.
3. While keeping constant occlusal pressure, remove excess cement immediately with a brush or instrument.
4. Light-cure each surface of the restoration for 40 seconds.

Restorative Products From Bisco

Bisco Dental manufactures a full range of restorative products including adhesives, etchants (including a self-priming etchant), cements and composites. Everything you need to fabricate and permanently place TESCERA indirect composite restorations.

Adhesives

ALL-BOND 2 (4th Generation Adhesive)

All-Bond 2 with Uni-Etch 32% with BAC	B-42500A
Primer A and B Set (6ml ea.)	B-2510A
Dentin/Enamel (D/E) Bonding Resin (6ml)	B-2502A
Pre-Bond Resin (3ml)	B-2501A
Pre-Bond Resin (6ml)	B-2506A

ONE-STEP / ONE-STEP PLUS (5th Generation Adhesive)

Bottle Kits

One-Step Standard Package with Syringe Etchant	U-10010
One-Step Plus with Syringe Etchant Kit	U-2260K
Tyrian SPE (Self-Priming Etchant)/One-Step Plus System Kit	U-2230K

Unit-Dose Kits

One-Step Plus/Tyrian SPE Unit-Dose (40 pk)	U-2240K
One-Step Plus/Uni-Etch Ez-Dose™ (80 pk)	U-2250K

Refills

One-Step (6ml)	U-1102P
One-Step Plus (6ml)	U-2001P
One-Step Plus Unit-Dose (60 pk)	U-20210K
Tyrian SPE Unit-Dose (25 pk)	E-5810K
Tyrian SPE Part A & Part B (6ml ea.)	U-2010P

Semi-Gel Etchants

UNI-ETCH (32%)

4 Syringes (5g ea.) With Tips	E-5502EM
Bulk Bottle (70g)	E-5637E

UNI-ETCH WITH BAC (32%)

4 Syringes (5g ea.) With Tips	E-5502EBM
Economy Bottle (18g)	E-5627EB
Bulk Bottle (70g)	E-5637EB

UNI-ETCH EZ-DOSE WITH BAC (32%)

100 Ez-Dose Tips (0.2g ea.)	E-53240BP
Ez-Dose Syringe	X-80802P

Cements

DUO-LINK Translucent Luting Cement

Translucent - 2 Dual-Syringes (8g ea., mixed)	A-19020P
Clear - 2 Dual-Syringes (8g ea., mixed)	A-19062P
Translucent - 4 Syringes (4g ea.)	A-1940B

CHOICE Aesthetic Resin Cement

Starter Kit	C-43300P
Accessory Kit	C-3800P

ILLUSION Universal Aesthetic Cementation System

Starter Kit	C-3250K
Accessory Kit	C-3270K

U-BEAM Gauge

N-5102P

U-BEAM Certified Labs

Find your U-BEAM Certified Lab using the Tescera Lab Finder at www.bisco.com



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