

TS150e™ MILLING MATERIALS GUIDE



Material: Pre-shaded, fully sintered zirconia

Indications: Single-unit posterior restorations

Ideal for:

- Single-unit posterior crowns
- Cases with limited interocclusal space
- Restorations with > 1 mm margin thickness



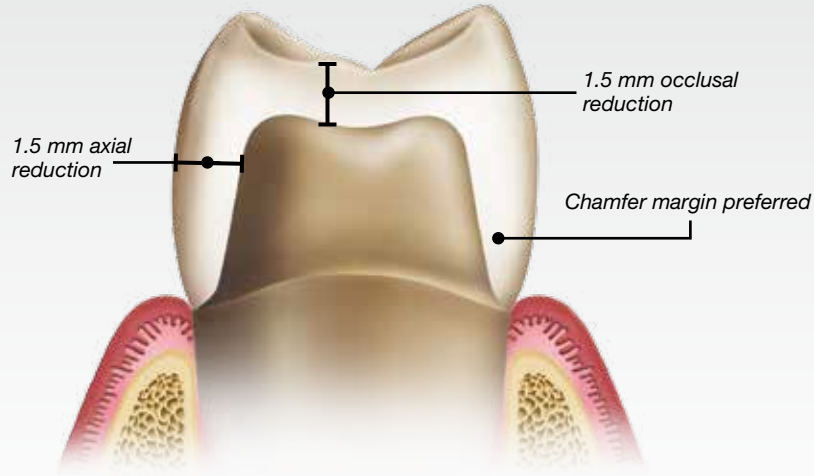
Please visit bruxzir.com for more information.

Specifications and Benefits:

- Flexural Strength > 800 MPa
- Available in 14 shades
- Sold in 3-packs that include blocks and burs
- No oven or post milling processing needed; just polish and cement
- Straightforward preparation requirements
- Conventionally cemented, no bonding required

BRUXZIR® NOW

Ideal Preparation



- 1.5 mm reduction
- Chamfer or shoulder margins preferred
- All axial walls must be convergent
- Preparation should be cut in three planes
- Do not add anti-rotation features to preparations. Anti-rotation features can cause failure in the milling of the restoration
- Preparations must have drafted sides in order to make well-fitting restorations
- Smooth surface preparations will result in faster milling and better fitting restorations

With minimal preparation requirements similar to full-cast gold, BruxZir NOW allows patients to keep more of their existing natural dentition.

Obsidian® Lithium Silicate Ceramic

Material: Lithium Silicate Glass Ceramic

Indications: Single-unit posterior and anterior crowns, inlays and onlays

and onlays

Ideal for:

- Full-contour crowns, inlay and onlay restorations requiring excellent esthetics



Specifications and Benefits:

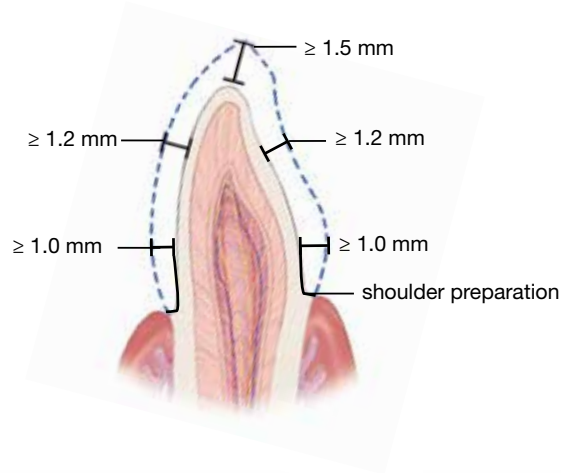
- Flexural strength of 385 MPa
- Available in 12 popular VITA® Classical shades and 2 bleach shades
- One natural translucency means less guesswork and less inventory is required
- Sold in 5-packs
- Short crystallization cycle required
- Standard ceramic crown preparation requirements
- Conventionally cemented or adhesively bonded

Obsidian®
LITHIUM SILICATE CERAMIC

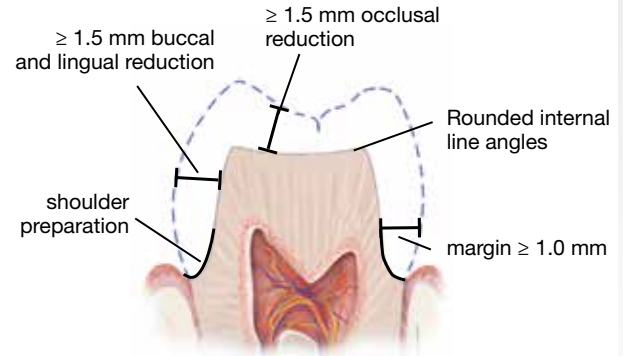
Please reference obsidianceramic.com/resources for approved accessories, ovens, techniques and user manual.

Ideal Preparation for Obsidian® Restorations

ANTERIOR FULL-COVERAGE CROWN



POSTERIOR FULL-COVERAGE CROWN



Material: Composite

Indications: Inlays, onlays, anterior and posterior crowns

Ideal for:

- Full-crown restorations
- Inlays
- Onlays



CAMouflage NOW will be AVAILABLE SOON!

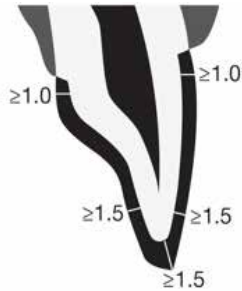
Specifications and Benefits:

- Flexural strength of 193 MPa
- Available in 7 popular VITA® shades, 5 shades available in two translucencies, and 1 bleach shade
- Sold in 5-packs with and without bonding kit
- No sintering or post-milling is required
- Standard composite-based restoration preparation requirements
- Must be adhesively bonded using
 - Gluma® Desensitizer
 - OptiBond™ XTR Adhesive
 - Maxcem Elite™ Cement

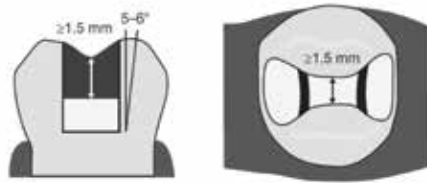
CAMouflage® NOW

Ideal Preparation for CAMouflage® NOW Restorations

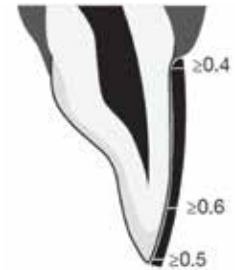
ANTERIOR FULL-COVERAGE CROWN



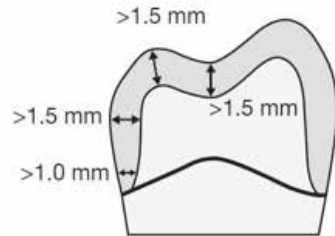
INLAY



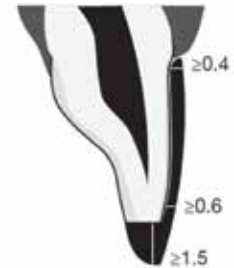
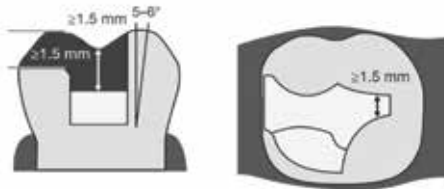
VENEER



POSTERIOR FULL-COVERAGE CROWN



ONLAY



What is included in Your CAMouflage NOW Milling Block Kit:

CAMouflage NOW will be AVAILABLE SOON!



CAMouflage® NOW

Gluma®
Desensitizer

OptiBond™
XTR Primer

OptiBond™
XTR Adhesive

Maxcem Elite™
Cement

Micro Brushes

Automixing
Tips

Not included, but required:

Fine Diamond Burs



Fine and Extra-Fine
Rubber Polisher



MicroEtcher™



50 µm Alumina



37% Phosphoric Acid
(inlays/onlays, veneers only)



Others: 1. In-Office Milling Machine 2. Ultrasonic Cleaner 3. Light-Curing Unit (Halogen Lamp: >850 mw/cm²; LED: >100 mw/cm²)
All trademarks are the property of their respective owners.

BioTemps® NOW

Material: PMMA

Indications: Inlays, onlays and full-coverage crowns

Ideal for:

- Provisional restorations

BioTemps NOW will be AVAILABLE SOON!



BioTemps® ***NOW***

“The Temporary You Admire”

ADDITIONAL MATERIALS

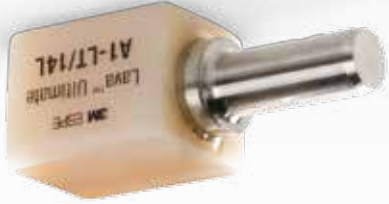
Lava™ Ultimate Restorative

Material: Resin Nano Ceramic

Indications: Use manufacturer's instructions for use.

Specifications and Benefits:

- Available in 8 shades, 2 transparency levels
- No crystallization cycle required
- Adhesive bonding required



VITA ENAMIC®

Material: Ceramic Polymer Hybrid

Indications: Use manufacturer's instructions for use.

Specifications and Benefits:

- Available in 10 shades, 3 transparency levels
- No crystallization cycle required
- Adhesive bonding required



GC CERASMART™

Material: Composite

Indications: Use manufacturer's instruction for use.

Ideal for:

- Superior gloss value
- Flexible nano ceramics
- Unsurpassed marginal integrity



Materials Breakdown Matrix

	BruxZir[®] NOW	Obsidian[®] LITHIUM SILICATE CERAMIC	CAMouflage[®] NOW AVAILABLE SOON	Lava[™] Ultimate Restorative	VITA ENAMIC[®]
Strength	> 800 MPa	385 MPa	193 MPa	200 MPa	150 MPa
Indications for Use	<ul style="list-style-type: none"> • Single full-contour units • Posterior 	<ul style="list-style-type: none"> • Single full-contour units • Inlays, Onlays • Anterior & Posterior Units 	<ul style="list-style-type: none"> • Inlays, Onlays • Anterior & Posterior Crowns 	Use manufacturer's instructions for use.	Use manufacturer's instructions for use.
Shades	14 VITA Shades (A1, A2, A3, A3.5, A4, B1, B2, B3, B4, C1, C2, C3, D2, D3)	12 VITA Classical Shades (A1, A2, A3, A3.5, B1, B2, B3, C1, C2, C3, D2, D3) 2 Bleach Shades (BL1, BL4)	7 VITA Shades (A1LT, A1HT, A2LT, A2HT, A3LT, A3HT, A3.5LT, A3.5HT, B1LT, B1HT, C2LT, D2LT) 1 Bleach Shade	8 Shades (A1LT, A1HT, A2LT, A2HT, A3LT, A3HT, A3.5LT, B1LT, B1HT, C2LT, D2LT, BL LT)	10 Shades (0M1-HT, 0M1-T, 1M1-HT, 1M1-T, 1M1-ST, 1M2-HT, 1M2-T, 1M2-ST, 2M1-HT, 2M1-T, 2M2-HT, 2M2-T, 2M2-ST, 2M3-HT, 2M3-T, 3M1-HT, 3M1-T, 3M2-HT, 3M2-T, 3M2-ST, 3M3-HT, 3M3-T, 4M2-HT, 4M2-T, 4M2-ST)
Cementation	Conventional Cement	Conventional Cement Resin cement recommended	Adhesive Cementation (Gluma Desensitizer + OptiBond XTR Adhesive + Maxcem Elite Cement)	Adhesive Bonding	Adhesive Bonding
Total Time	Mill: < 50 min. Finish Polish: 5 min. Furnace: 0 min. Cement: 5 min. Total: < 60 min.	Mill: ≤ 18 min. Finish Polish: 5 min. Furnace: 22 min. Cement: 5 min. Total: ≤ 50 min.	Mill: ≤ 10 min. Finish Polish: ≤ 10 min. Furnace: 0 min. Cement: ≤ 15 min. Total: ≤ 35 min.	Mill: < 16 min. Finish Polish: 5 min. Furnace: 0 min. Cement: 10 min. Total: < 31 min.	Mill: < 16 min. Finish Polish: 5 min. Furnace: 0 min. Cement: 10 min. Total: < 31 min.

TS150e is a trademark of Prismatic Dentalcraft, Inc. BruxZir and BioTemps are registered trademarks of Glidewell Laboratories. Obsidian and CAMouflage are registered trademarks of Prismatic Dentalcraft, Inc. OptiBond XTR and Maxcem Elite are trademarks of Kerr Corporation. OPTIGLAZE and Cerasmart are trademarks of GC America. MicroEtcher is a trademark of Danville Materials LLC. VITA and VITA ENAMIC are registered trademarks of VITA Zahnfabrik. Lava is a trademark of 3M or 3M Deutschland GmbH.



TS150e™ Mill
Prismatic Dentalcraft, Inc.
(A wholly owned subsidiary of Glidewell Laboratories)
2212 Dupont Drive
Irvine, CA 92612, USA

MKT 9830_1.0
REV ID 11350
PK-182558-040618