



CAMouflage[®] NOW Milling Blocks

Instructions for Use

English

 Do not discard instructions during product use.

 Federal law restricts this device to sale by or on the order of a dentist.

 Please refer to trademarked products' manufacturer's instructions for use.

Product Description

The CAMouflage NOW Milling Block is a nanohybrid composite material that is designed as an indirect restorative for both anterior and posterior restorations including occlusal surfaces. The CAMouflage NOW Milling Block is made for fabricating indirect restorations such as inlays, onlays, veneers and full crown restorations.

Composition

100% cured dental restorative.

Indications for Use

The CAMouflage NOW Milling Block is indicated as an indirect restorative for both anterior and posterior restorations, including occlusal surfaces. The CAMouflage NOW Milling Block is made for fabricating temporary and permanent restorations such as inlays, onlays, veneers and full crown restorations.

Contraindications

In rare cases, this product may cause sensitivity. If such reaction is experienced, discontinue use of the product and consult a physician.

Technical Data

Conforms to applicable subsections of ISO 4049:2009—"Polymer-based restorative materials" and ISO 10477:2004—"Polymer-based crown and bridge materials".

Shades

8 VITA[®] shades, 5 of which are available in two translucencies:

- High Translucency (HT): A1, A2, A3, A3.5, B1
- Low Translucency (LT): A1, A2, A3, A3.5, B1, C2, D2, BL

Tooth Preparation Guidelines:

- Preserve axial wall height; ≥ 3 mm preferred.
- Employ an established path of insertion.
- See Figure 1 for details.

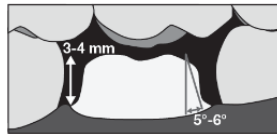


Figure 1

Restoration Design

The following minimum dimensions should be met: (see Figure 2)

- Crowns: Wall thickness should be at least 1.5mm, 1.0mm at margins. Prepare margins with a deep chamfer or a rounded shoulder.
- Inlays/onlays: Prepare cavity walls with tapered 5-6° to the long axis. Wall thickness should be ≥ 1.5 mm; isthmus thickness should be ≥ 1.5 mm.
- Veneers: Standard reduction of labial surface is 0.6mm; 0.4mm at the gingival portion. Incisal thickness should be ≥ 1.5 mm. Prepare margins with deep knife edge.

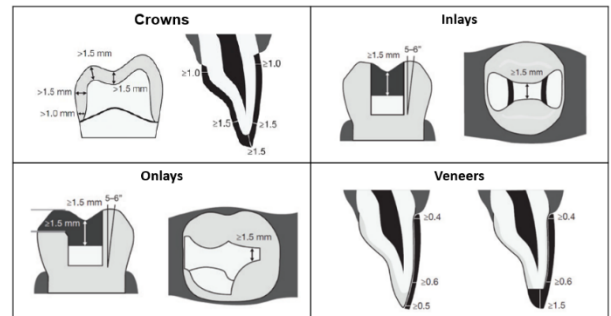



Figure 2


Milling

Please follow the manufacturer's operating instructions specific to the CAM device for selecting a milling program.

- Select the milling program for composite resin block materials.
- Once milled, check the restoration for discolorations linked to the milling process, any cracks, or chips. If the restoration is defective, discontinue the manufacture of restoration.

 CAMouflage NOW is provided to the user in a highly cured state. This material should not be fired under any circumstances.

Finishing and Polishing

 Avoid inhaling dust. Use a dust vacuum and wear protective mask and glasses.

- 1) Use a fine diamond bur (for best results, use Meisinger Diamond Tapered Round End 852C) to finish the sprue area.
- 2) Clean using pressurized water with a 3-way syringe (optionally, sonicate in water for 2 minutes); use gentle air pressure to dry.
- 3) Trial fit the restoration to the preparation and check proximal and occlusal contacts.
- 4) Adjust contacts and occlusion with a fine diamond bur (for best results, use Busch[®] Fine Diamond Football Burr); if necessary, define anatomy and remove distortions.
- 5) To achieve high gloss, use a fine and extra-fine rubber polisher (for best results, use Gazelle[™] COMP-POINT 2)
 - a. Apply with a low-speed hand piece and polish with feather light pressure.
 - b. Do not use polishing paste.
- 6) If desired, stain/characterize restorations with methacrylate-based, light-cure stains; please follow the stain manufacturer's Instructions for Use.
- 7) Optionally, apply an acrylic light-curable coating agent (for best results, use OPTIGLAZE[™]); please follow the manufacturer's Instructions for Use.

Prismatik Dentalcraft, Inc.
(A wholly owned subsidiary of Gildewell laboratories)
2212 Dupont Drive
Irvine, CA 92612, USA
Tel: 888-303-6470
Fax: 800-579-8233

Vita[®] is a registered trademark of Vita Zahnfabrik.
Optibond[™] XTR and Maxcem Elite[™] are trademarks owned by Kerr Corporation.
Gluma[®] Desensitizer is a registered trademark of Heraeus Kulzer.

Pre-Treatment of Restoration

Note: Do not mix applicator tips. Always use a fresh applicator tip and discard it after each application. Ensure restoration has been thoroughly cleaned prior to pre-treatment.

- 1) Sandblast with MICROETCHER® using 50µm alumina at 30-40 psi for 10 seconds.
- 2) Clean using pressurized water with a 3-way syringe (optionally, sonicate in water for 2 minutes). Thoroughly air dry.
- 3) Shake Optibond XTR Adhesive; using a new applicator, apply a coat to the internal surface.
- 4) Air thin with gentle air then strong air pressure for a total of 10 seconds. Discard used applicator.
- 5) Light cure for 10 seconds with minimum light intensities for the following curing units:
 - Halogen lamp: ≥ 850 mW/cm²
 - LED: ≥ 1100 mW/cm²

Pre-Treatment of Tooth

Note: Do not mix applicator tips. Always use a fresh applicator tip and discard it after each application. Protect mucous membranes by using a rubber dam. Ensure Gluma does not contact soft tissue during application.

- 1) Remove loose preparation debris by spraying with water (pumice slurry optional).
- 2) Clean the stump or cavity thoroughly, rinse with water, and lightly air dry.
- 3) **For inlays/onlays and veneers only**, etch with 37% phosphoric acid^a (for crowns, skip step 3 and proceed to step 4):
 - a. Inlays/onlays: Selectively etch enamel for 15 seconds OR etch enamel and dentin for 15 seconds with medium scrub pressure. Rinse with water for 10 seconds, lightly air dry or blot, and leave tooth moist.
 - b. Veneers: Etch tooth preparation for 15 seconds with medium scrub pressure. Rinse with water for 10 seconds, lightly air dry or blot, and leave tooth moist.

^aProtect mucous membranes with a rubber dam isolation.
- 4) Follow the following steps for Gluma application: (Required for inlay, onlay and crown cases and only if dentin is exposed for veneer cases.)
 - a. Use a new applicator and apply the smallest possible amount of Gluma required for treatment to the dentinal surface and then leave for 30-60 seconds. Dry the surface carefully by applying a stream of compressed air until the fluid film has disappeared and the surface is no longer shiny. Discard used applicator.
 - b. Repeat step (a) once more.
 - c. Rinse thoroughly with water. See Gluma instructions for additional detail.
- 5) Using a new applicator, apply a coat of Optibond XTR Primer with medium scrub pressure to enamel/dentin for 20 seconds.
- 6) Air thin with medium pressure for 5 seconds.
- 7) Use a new applicator and apply a coat of Optibond XTR Adhesive with medium scrub pressure to enamel/dentin for 15 seconds.
- 8) Air thin with gentle air then strong air pressure for at least 5 seconds.
- 9) Light cure for 10 seconds with minimum light intensities for the following curing units:
 - Halogen lamp: ≥ 850 mW/cm²
 - LED: ≥ 1100 mW/cm²

Cementation

- 1) Remove the syringe cap of Maxcem Elite cement. Before the first use, bleed the syringe by dispensing a small quantity of the pastes onto a pad to equalize the pastes. Secure the appropriate automix tip.
- 2) Dispense a uniform layer of Maxcem Elite cement into the restoration.
- 3) Seat the restoration and hold with moderate pressure to allow excess to flow. Maintain pressure during cement setting period and complete one of the following:
 - a. **Recommended method:** Allow to self-cure for 2-3 minutes to achieve gel-state and remove all excess cement around the margins; proceed to step 4.
 - b. Tack cure for 2-3 seconds and remove all excess cement around the margins; proceed to step 4.
- 4) Light cure all surfaces, including margins, for 10 seconds each.
- 5) Allow cement to set for a total of 4 minutes after seating of the restoration (steps 3 and 4).

Additional Application and Repair

Camouflage® Nanohybrid Composite is recommended for add on or repair as it will extend the resiliency of the restoration due to compatibility of both products and similar resin-ceramic hybrid technology. Please refer to respective Instructions for Use.

Precautions












- Do not inhale dust. Do not get dust into eyes or have prolonged contact directly with the skin. Personal protective equipment (PPE) such as gloves, masks, and lab coat are recommended in order to avoid possible contact and irritation to skin or eyes during processing.
- Failure to follow preparation, bonding and cementation guidelines may lead to clinical failure.
- When cementing, secure the restoration with moderate pressure while cleaning excess cement.
- Allow cement to fully cure for a total of 4 minutes once the restoration has been seated. This will avoid potential debonding.


Storage

- This product should be stored at proper storage conditions and away from dust and potential contamination sources. When not in use, store in original packaging.
- Refrigerate contents upon receipt (4-8°C/39-46°F).

Note: To request the SDS or User Manual for this product, call Glidewell Direct at 1-888-303-3975.

Symbol Glossary

	Manufacturer		Caution		Non Sterile		Catalogue Number		Storage Temperature Range		Use by date
	By Prescription Only		Consult Instructions for Use		Lot Number		Do not re-use		Keep away from Sunlight		

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