

ENGLISH

Indication:

PMMA block for milling dental surgical guides, definitive crowns and bridges (single or multiple) and denture base, created and produced by CAD/CAM system. For long term use application.

Composition:

Methyl Polymethacrylate, Biocompatible Pigments, EDMA e Fluorescent.

Validity:

10 years from the manufacturing date.

Presentation:

6 pieces in the model VBS

1 piece on other models

Heights (According to the table annexed to the models):**Use Instructions:**

VIPI BLOCK is used on milling technique to manufacture cemented or screwed crowns, bridges, casting patterns and pink base of dental prosthesis - milled by CAM Systems from different manufacturers.

1. Attach the block on the machine following the equipment manufacturer's instructions.
2. Milling trilux multilayered blanks, the color variation at the element may vary due to the drill tool (or piece) positioning, see example on pictures 1, 2 and 3..
3. After the machining, remove the block from the equipment and remove the element from the block.
4. According to the type of requirement of the manufactured work, for finishing, use mills, sanders and rubbers. If gloss is needed, use mechanical polishing with VIPI BRIL.

Important Notes:

- Medical product of single use.
- Avoid overheating during the machining and finishing.

Limits:

Trilux and Monocolor: Max. 2 fixed elements plus a suspended element.

Burnout/Calcinable: Do consider indications of material to be done, as metal (casting), ceramics pressing, etc.

Minimum thickness: 1 mm occlusion and 0,6 mm cervical

Minimum connection diameters: Anterior: 3,6 mm; Posterior: 4,4 mm.

The provisional can be fixed with all cements for temporary fixation. Eugenol temporary cements may decrease the effect liveness of cementation.

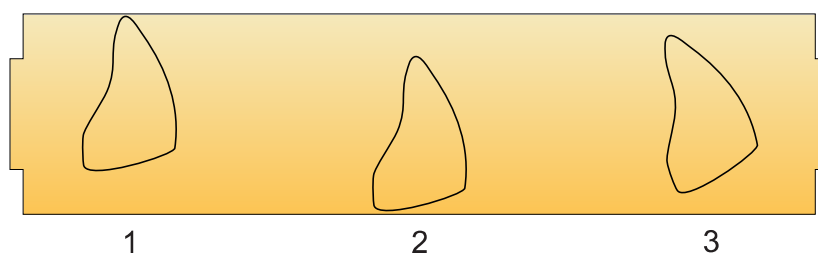


Fig. 1: Positioning the piece at the top of the block, more incisal.

Fig. 2: Positioning the piece at the bottom of the block, less incisal.

Fig. 3: Inclining the piece is possible to obtain a different tone/shade gradient..

Illustrative images element positioned at different heights by changing the color of the block the incisal. For each CAD/CAM system there is a different way of positioning.

Warnings and Cautions:

- Medical device for exclusive use
- Avoid overheating during milling/polishing process.
- Residual dust on milling process may cause irritation on eyes, skin and airways.



CAUTION:

- Desinfection must be made by ultraviolet irradiation. Not to be used in autoclavable equipment.

Aesthetic suggestion table:

COLOR TYPES	COLORS	INDICATION SUGGESTED
TRILUX	A1, A2, A3, A3,5, A4, B1, B2, C1, C2, C3, D2, D3, Hw2	For milling dental surgical guides, definitive crowns and bridges (single or multiple).
MONOCOLOR	A1, A1T, A2, A3, A3,5, A4, B1, B1T, B2, C1, C2, C3, D3, D4, HW2	For milling dental surgical guides, definitive crowns and bridges (single or multiple).
BURNOUT	Red and Clear	For casting models, surgical guides, night guards, bite plates.
GUM	Pink Light, Pink Medium, Pink Dark, Pink Black	For denture base.

TYPICAL MECHANICAL PROPERTIES OF THE BLOCKS	VIPI BLOCK
Elasticity module	> 2.200 MPa
Bending resistance (min. 50MPa)	> 100 MPa
Impact resistance	(Charpy): > 10 KJ/m ² (Izod): > 1,3 KJ/m ²
Impact-abrasion resistance (MW: 1.000.000)	3,5 x PMMA
Traction resistance	> 75 MPa
Vickers hardness (0,05/10)	> 110
Water sorption ISO 10477	< 20 µg/mm ³
Water solubility	< 0,8 µg/mm ³
Residual monomer (24h at 37°C and 30 min in air)	< 0,7%

Storage: Keep away from light and heat.

Chemist Responsible: Hélio Wiebeck - CRQ-IV 04302790

ANVISA Register: 10216040029

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