

anaxDENT

anaxcam: The Show

Cross-Linked Polymer Discs for
CAD/CAM Fabrication of Denture Teeth

Intended use:

anaxcam: The Show multi-layer, dual cross-link PMMA discs are used in CAD/CAM fabrication of permanent denture teeth and long-term temporary crowns and bridges. Available colors are BL1, BL3, A1, A2, A3, B1, C1 (additional shades available on request).

Technical Properties:

Vickers Hardness:	250 Mpa
Surface Shore Hardness:	87 Shore
Wear after 1M Cycles:	115 µm
Flexural Strength:	>100 Mpa
Flexural Modulus:	2280 Mpa
Water absorption:	<10 µg/mm ²

Indications:

- ☐ Individual denture teeth and tooth segments for removable/retrievable denture prosthetics
- ☐ Full-arch tooth segments supported by a substructure on implants
- ☐ Removable structures for dentures (dental bases)
- ☐ Removable structures for therapeutic restorations
- ☐ Temporary anterior and posterior crowns
- ☐ Temporary anterior and posterior bridges with up to two adjacent pontics
- ☐ Implant-supported temporary restorations up to 12 months

Contraindications:

- ☐ Use for fixed permanent restorations (without substructure)
- ☐ Use for implant-supported permanent restorations (without substructure)
- ☐ Bridges with more than two adjacent pontics
- ☐ Patients suffering from parafunctional habits such as bruxism
- ☐ Restorations should not be made with anaxcam The Show when the patient has a known allergy to any of its chemical constituents

Instructions:

Can be used with regular CAD/CAM milling systems (98.5mm and 95mm diameter).

Veneering: After milling, the disc can be finished with composites, acrylics or other conventional veneering materials. MMA-based materials are preferred. When veneering with composite, follow the composite manufacturer's instructions for use when preparing and priming the PMMA surface prior to application.

If using anaxdent's **anaxgum** or **anaxblend** composite:

- ☐ Roughen the surface of the PMMA with 110-micron aluminum oxide at 3 bar pressure
- ☐ Clean the surface thoroughly and allow to dry completely
- ☐ Apply a very thin layer of anaxblend Bond LC to the clean, dry PMMA surface
- ☐ Light-cure Bond LC for the length of time indicated for our light unit type in Bond LC instructions for use. Once cured, Bond LC should have a satin finish. If the Bond LC finish appears glossy or wet, it is not fully cured. If the bond LC sheen is not visible at all, it could be over-cured and should be reapplied and cured for the appropriate time for your light unit.

Design and Manufacturing Specifications:

Design:

- ☐ Minimum wall thickness of 1.5mm
- ☐ A maximum of one unsupported end unit (cantilever unit) is permitted on restorations in use for up to 12 months.
- ☐ In posterior region, no more than one pontic may be positioned between two abutment crowns on restorations in use for up to 12 months.

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Manufacturing:

- ☐ anaxcam disc labels display a tooth icon. The icon's incisal edge is positioned closer to the incisal side of the disc. Always check the tooth icon to ensure proper orientation of the anaxcam The Show disc in your milling machine.
- ☐ Nest your design as close to the incisal edge of the disc as possible to ensure shade accuracy.
- ☐ The 10-layer design of anaxcam: The Show includes ten layers of uniform thickness. Layer thickness in each disc is as follows:
 - 20mm Disc = 2.0mm layers
 - 25mm Disc = 2.5mm layers
 - 30mm Disc = 3.0mm layers
- ☐ For cutting or shaping after milling, cross-cut zirconia or tungsten carbide burs are recommended.

Precautions:

When cutting, shaping, or polishing the milled restorations, avoid breathing in dust.

US Distribution:

anaxdent's anaxcam: The Show is distributed in the USA exclusively by:

anax USA

406 I St NW
Ardmore, OK 73401

Tel: 877.897.6598

Email: info@anaxusa.com

Webshop: anaxusa.com