



artVeneer[®] Life



artVeneer® Life

Unique & ultra-thin ...

artVeneer® life are unique all-rounders and in combination with brilliant colors and light effects the complex set of rules of lifelike morphology and surface texture is newly defined.

The full-bodied tooth moulds of the artVeneer® life stay present in the artVeneer® life and, thanks to their three-dimensional, anatomical structure with multi-complex layering and the harmonious color gradient, provide the perfect veneer.

Ultra-thin artVeneer® life enable space-saving and efficient work. The nature-identical moulds lend acrylic veneers a natural look and integrate them into the harmonious overall picture of combined prosthetic work. The incisal back protection of the anterior veneers supports the incisal guidance, offers a contouring and modeling aid as well as an aesthetic reserve for metal edges.

The ready-to-use artVeneer® life veneers offer significantly more options for achieving high aesthetic results, a great shade effect and sufficient space for setting-up and processing.



Example of a dental restoration with artVeneer® life and artConcept® PLUS veneering system components

artVeneer[®] Life



■ *Aesthetic & Creative ...*

artVeneer® life offer space for a multitude of high aesthetic possibilities.

■ *Functional & 1:1 Combinable ...*

artVeneer® life are tailored to the artegral® life denture teeth in terms of aesthetics, function, shades, moulds and sizes.

■ *Efficient & Compatible ...*

Ultra-thin veneers in combination with artConcept® PLUS veneering system for highest aesthetic demands.

artVeneer® Life



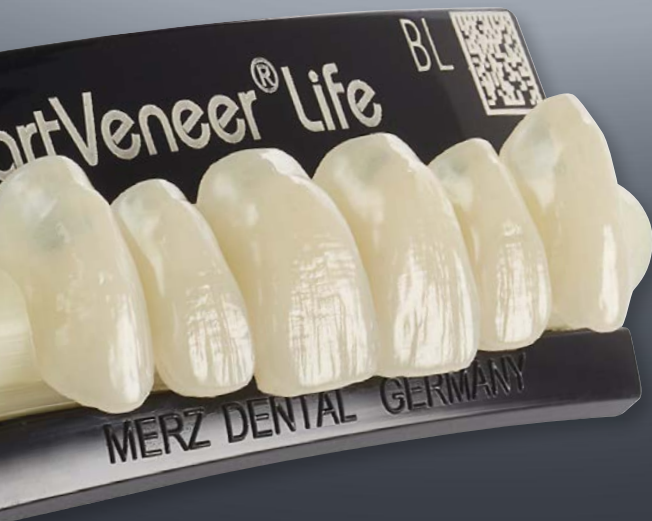
Aesthetic & Creative ...

■ APPLICATION AREAS

- Veneering of telescopic and conical crowns
- Attachment constructions
- Bar constructions
- Implant constructions
- Model casting
- Coverdenture
- Set-up for planning more complex prosthetic restorations
- Aesthetic try-ins
- Laboratory-made temporaries



artVeneer® Life



*Life intensively **f**ormed in **e**sthetics*

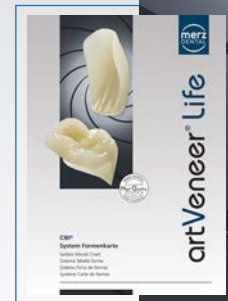
■ FEATURES & BENEFITS

- Fast, efficient veneering
- CAD/CAM-based **Active Shade Technology (AST)**
- Abrasion resistant
- High flexural strength
- Shock-absorbing and permanently color-stable
- True-to-life fluorescence and shade effect
- Tissue-friendly, plaque-resistant
- Very easy to work and polish



artVeneer® life
PMMA veneers

Mould Chart
REF 1092429





■ ANTERIOR VENEER

- Ultra-thin, with a facet thickness of 0.5 mm - 1 mm
- Identical in mould and function with the artegral® life denture teeth anteriors
- Fully anatomical single tooth character
- Incisal back protection supports the incisal guidance, offers a contouring and modeling aid as well as an aesthetic reserve for metal edges
- Life-like light refraction and layering
- Available in 16 V-shades and 4 bleach shades



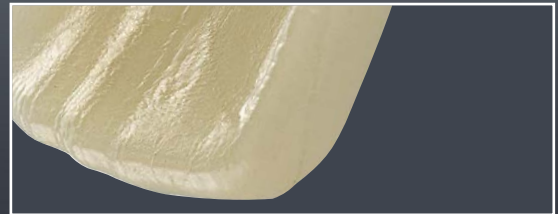
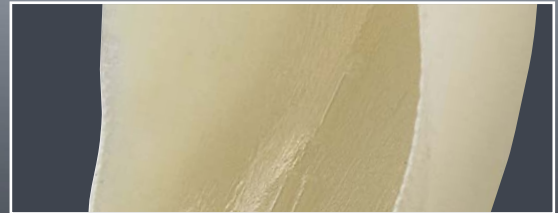
artVeneer® life anteriors have 3 layers

artVeneer[®] Life

- Rounded transition in the area of the incisal edge for a soft gradient



- Ultra-thin edges for a simple and quick adaptation to the prosthetic work



artVeneer® Life



- Occlusal depth with 3-D effect
- Thanks to the occlusal grinding reserves within the occlusal surfaces, aesthetics last longer



■ POSTERIOR VENEER

- Identical in mould and function with the artVeneer® life denture teeth posteriors
- Time-saving, quick adaption to telescopic crowns, bars or implant restorations
- Multifunctional occlusal surface design, which enables the use for all occlusion concepts
- Circumferential incisal edge with 3-D effect
- Aesthetics and characteristics, such as mamelons and buildup are according to the artVeneer® life denture teeth posteriors
- Available in 16 V-shades and 4 bleach shades



artVeneer® life posteriors have 3 layers

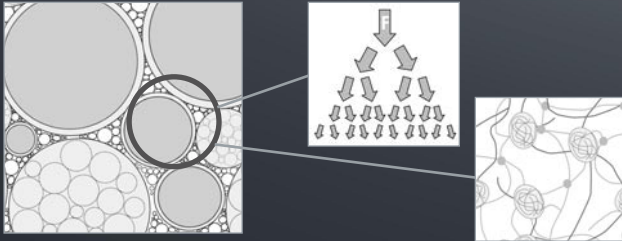
artVeneer® Life

■ THE PREMIUM PMMA QUALITY MATERIAL

- Optimized highly cross-linked OMP-N®
- Free of inorganic fillers and fibre additives
- Chemically stable
- Temperature resistant (briefly up to max. 300 °C / 572 °F)
- High flexural strength of more than 90 MPa
- High module of elasticity of more than 2770 MPa
- Ideal for restorations with optimum biomechanical and gnathological features
- Color stable
- Abrasion resistant
- Resilient and shock absorbing
- Plaque resistant
- Tissue-friendly
- Very easy to process and polish

Organic Modified Polymer-Network **OMP-N®**

In the submicroscopic range, spatially cross-linked macromolecular structures occupy the spaces between larger polymer beads in the chemical bond. This also reduces the monomer content in the tooth production.



High elasticity, no chipping thanks to the filler- and fiber-free formulation with integrated shock absorption compensate for the forces acting on the tooth, the pressure is taken off the denture base.

OMP-N® shows a very good, plaque-resistant surface compaction after polishing even with conventional polishers, polishing wheels and polishing agents.

artVeneer[®] Life

■ THE CBI[®] SYSTEM

Based on the research results from the survey of anterior teeth on patients with full dentition by Prof. Dr. Siebert (Free University of Berlin, now Charité), Merz Dental developed an innovative and recognised design language, the patented **CBI[®] system**. A successful and contemporary system of moulds simulating feminine and masculine looking upper anteriors.

C-mould ♂

cervical emphasized
striking, firm, masculine



B-mould ♀♂

body emphasized
harmonious, neutral



I-mould ♀

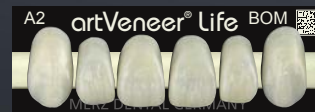
incisal emphasized
grace, elegance, feminine



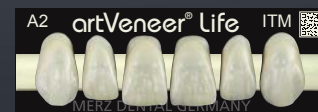
BI-mould



BO-mould



IT-mould



artegral[®] Life



Functional & Combinable ...

artVeneer® life veneers have been especially developed to match the moulds, sizes and shades of the artegral® life denture tooth assortment and can be combined 1:1.

Thanks to the most modern digital mould construction, artegral® life anterior and posterior denture teeth are constructed according to the "sibling principle". This opens undreamt-of combination and solution possibilities in all quadrants for an aesthetically high-quality, functional and, above all, durable denture.



artegral® life Shade Guide (A-D + Bleach)

REF 1030253



artegral® life
denture teeth

Mould Chart
REF 1092233



The image displays a comprehensive set of dental materials and tools for creating veneers. In the foreground, a white jar of 'artVeneer wax PLUS Fixierwachs' by Merz Dental is visible. Behind it, a silver metal tray holds several bottles of 'artDentine' in various shades (A1, A2, A3, A3.5, A4, E1, E2, E3, E4) and 'artDentine PLUS' in 'Liquid LT' and 'id NT' forms. Also in the tray are syringes of 'artPrepague PLUS' (01, 02, 03) and mixing tips. To the right of the tray are two stacks of white veneer templates labeled 'A' and 'B', a long white mixing stick, and a dental knife.

Efficient & Compatible ...

■ High quality PMMA bonding system

artConcept® *PLUS* is a reliable and efficient bonding system to fix PMMA based veneers to all framework materials used in dental technology and enables perfect results of individual combinations.

Furthermore both veneers and denture teeth made of PMMA can be individualized with the artConcept® *PLUS* system components. Depending on the space available, especially in the incisal area, targeted application of incisal and translucent materials from the artConcept® *PLUS* system achieve an individual harmonious color gradient. This means that the artVeneer® life in connection with the artConcept® *PLUS* system meet contemporary standard requirements for durability, plaque resistance, aesthetics, effectiveness and are particularly suitable for combination denture restorations.



artConcept® *PLUS*
PMMA veneers
bonding system

step-by-step guidance
REF 1092370



artConcept[®]PLUS



THE *PLUS* IN ADDED VALUE AND SAFETY

artDentine ^{PLUS}	cold-curing PMMA acrylic components in tooth shades
artEnamel ^{PLUS}	cold-curing PMMA acrylic components in transparent and enamel shades
artPrime ^{PLUS}	modern metal primer for the metal-acrylic bond significantly improves the adhesion between artPreOpaque <i>PLUS</i> and the metal frame.
artConnect ^{PLUS}	reliable acrylic bonder ensuring excellent bonding strength between artDentine <i>PLUS</i> / artEnamel <i>PLUS</i> and highly cross-linked PMMA based veneers (for example artVeneer® life) or denture teeth.
artPreOpaque ^{PLUS}	for priming and improving the adhesive bond between artPrime <i>PLUS</i> and artOpaque <i>PLUS</i> and is optimal when using mechanical retentions.
artOpaque ^{PLUS}	to cover metal framework.
artOpaque GUM ^{PLUS}	light-curing gingival shaded opaquer and primer all in one to cover metal frames and retentions, saving the additional application of a primer.
artVeneer wax ^{PLUS}	tooth-coloured fixing wax for attaching the artVeneer® life during wax-up and try-in.

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1092419/2024-04_en

Merz Dental is certified according to EN ISO 13485 and offers therefore the security and advantages of a future-orientated quality management system.