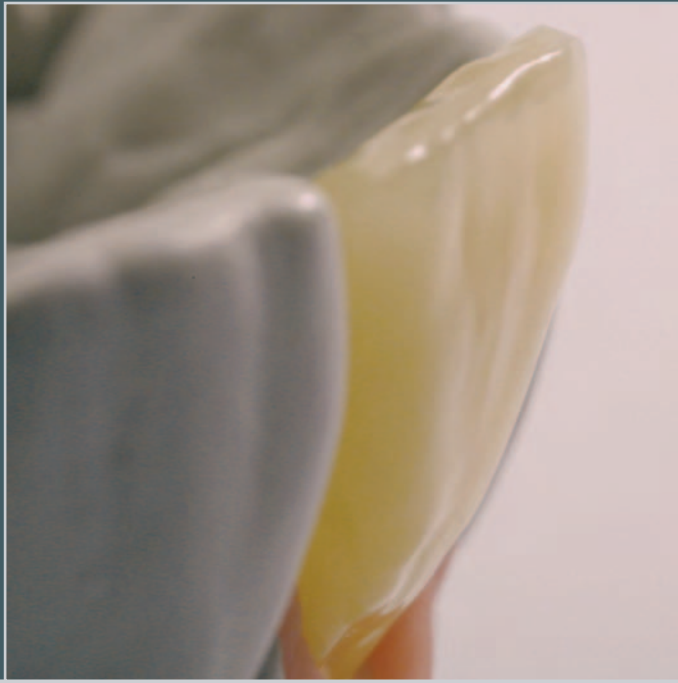


visio.lign

For
clear shapes
and
absolute stability.



bredent



Vivid tooth design and structure with natural surface characteristics.



Description

The **visio.lign** product line currently under development is a novel veneering line comprising multi-layer veneers for life-like/anatomical teeth with custom shade characterization and accessory materials and a bonding system in perfectly matched shades.

Its distinctive features and characteristics lend the tooth design its original vivid appearance. Abrasion areas as well as individual asymmetries and surface structures of the natural reference models are meticulously preserved.

Straightforward shapes and concepts were implemented for the manufacturing process using state-of-the-art digital design tools. Cutting-edge manufacturing processes and precision milling techniques facilitate a successful transfer of the delicate surface structures and characteristic details to the final restorations.

The shapes and structures of **novo.lign A** and **novo.lign P** are unique. If you have been looking for aesthetic prosthetic restorations with high efficiency in the dental office and in the laboratory, **novo.lign A** and **novo.lign P** will be your choice.



Implant-supported bridge as a supra-structure, screw-retained on a primary bar made of non-precious metal alloy.

Indications

- Telescope and conical crowns
- Crowns and bridges
- Restorations with precision attachments
- Implant-supported restorations
- Occlusal veneers
- Aesthetic diagnostic try-ins
- Provisional restorations
- Complete dentures

Implant prosthetics

The **novo.lign A** and **novo.lign P** veneers are particularly well-suited for use in implant prosthetics. They make aesthetic try-ins on implant superstructures a very simple exercise. No longer will pre-fabricated resin denture teeth have to be ground to shape in a time-consuming procedure: With **novo.lign A** and **novo.lign P**, minor adaptations are all that is required. From the aesthetic try-in, patients will have a very good idea of what the completed restoration will look like in real life. **novo.lign A** and **novo.lign P** are high-quality veneers and can be transferred from the try-in directly to the definitive restoration, saving time and money.



Combined restorations with novo.lign A, novo.lign P, neo.lign A and neo.lign P as a telescopic restoration. Implant bridge on UVE. Denture with primary crowns made of zirconium and secondary crowns made of BioXS.

Occlusal veneers

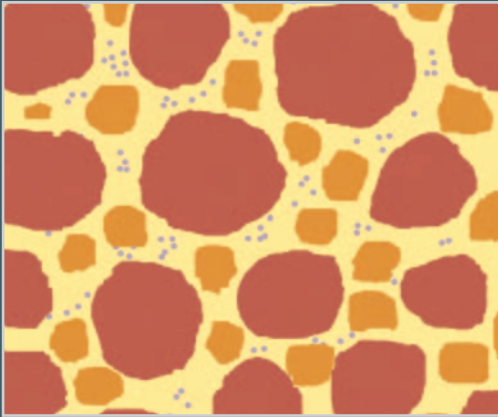
novo.lign P has been designed for posterior occlusal / vestibular veneers. This multi-layer veneer features a fully developed occlusal surface and a high proportion of translucent layers. The high-chroma dentine core highlight central fissures in a natural way and provides the basic tooth shade while at the same time effectively covering the any primary and/or secondary structures.

Solid teeth to complement the system

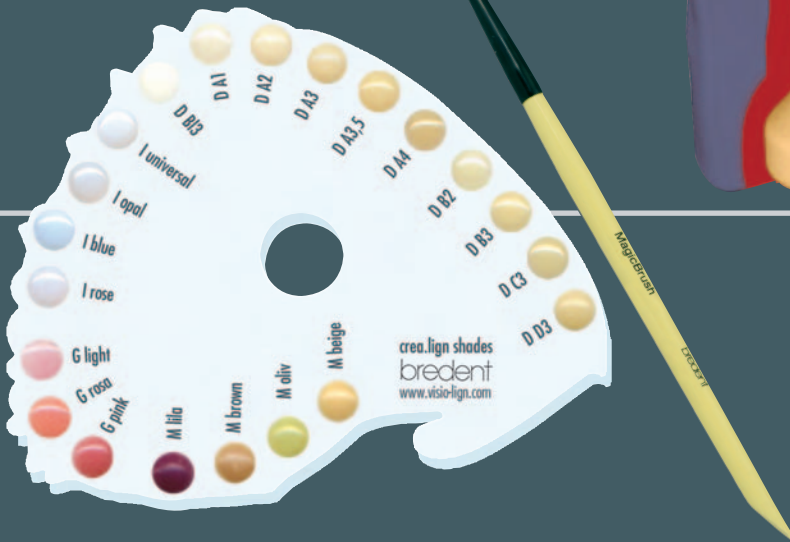
Conventional anterior and posterior denture teeth follow different layering and shade philosophies, resulting in unfortunate shade discrepancies in combination restorations. **neo.lign A** and **neo.lign P** are the logical extension of the **visio.lign** veneering technique. With their anteriors and posteriors that match the **visio.lign** system in both shapes and shades, they are an ideal complement.

Occlusal concepts

Several different occlusal and functional concepts have become established in dental treatment methodology. **neo.lign P** and **novo.lign P** meet the demand for system-independent multi-functional occlusal surfaces. As long as the structural parameters are clearly defined, all established concepts and methods can be accommodated. A publication by the German Prosthetics Workgroup (Arbeitskreis Prothetik) entitled Curriculum moderne Prothetik, which we recommend, offers a summary overview over these established concepts and methods along with their specific differences and historical differences and developments.



Silanized inorganic filler
High-molecular pearl polymer
Cross-linked copolymer
Polymer matrix, highly cross-linked



Polymer and filler novo.lign.
Build-up and shade matching novo.lign.
crea.lign shades.

Design and materials

The **novo.lign A** and **novo.lign P** veneers are 1 mm thick. They are based on a newly developed polymer material with ceramic filler. The Cross-linked acrylates (PMMA) ensure shade stability and resistance to plaque since they harden completely at a temperature of 120° C and a pressure of 250 bars. The ceramic microfiller embedded in the polymer matrix increases the material's abrasion resistance, which comes very close to that of natural teeth. The composite matrix combines the high flexural strength of composite resins and the elasticity of PMMA materials.

Bond and build-up

The **combo.lign** composite cement, which matches the shade of the restoration, helps create sophisticated aesthetic custom veneers with excellent shade stability. The veneer is first conditioned and then adhesively connected to the modelling composite. **combo.lign** is a dual-curing material (UV light and self-curing) and ensures long-lasting high bond strength.

Customization

There are almost limitless possibilities for creative staining solutions providing individual features – such as mamelons, areas of demineralization or pronounced internal dentine line angles – by using intensifier stains. The **crea.lign** light-curing nano-composite material will include, in addition to dentines, intensives and transparents, solutions for the gingival aspects (red aesthetics).



*Technological applications
In-depth product training
Live surgery*

Product range

novo.lign A, Artificial anterior veneers, 15 different shapes

novo.lign P, Artificial posterior veneers, 6 maxillary and 6 mandibular shapes

combo.lign, Dual-curing adhesive composite, Vita Classic shades

neo.lign A and **neo.lign P**, Solid teeth, 15 anterior shapes, 6 maxillary and 6 mandibular shapes

crea.lign, Microfilled addition composite, customization set

Herstellerinfo

bredent

bredent has had more than 30 years of experience in developing and manufacturing innovative products solutions for dentistry and dental technology.

bredent's **visio.lign** opens up the stage for a new level of symbiosis between dental surgeries and dental laboratories, especially in the field of dental implantology. The individual and natural aesthetics of **visio.lign** are an important building block within the *Certified Symbiotic System*, the standardized bredent system for the fabrication of perfectly adapted dental restorations – from the initial impression to the final restoration.

bredent has more than 80 field consultants – dental technicians and other dental specialists – in Germany and other countries and more than 100 representative offices worldwide.

One of them is certain to be near you!

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Light + Design = Aesthetics



visio.lign



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