

FILLING MATERIALS



DENTAL PRODUCTS

GERMAN QUALITY FOR DENTISTRY

INTRODUCTION

The company **MEGA-PHYSIK** GmbH & Co. KG was founded in 1970 in Rastatt, Baden-Württemberg.

Since then **MEGA-PHYSIK** has been a synonym for development and innovation in the production of high-quality dental curing light units which are worldwide applied in the dentistry.

As a medium-sized, owner-operated company, the staff of **MEGA-PHYSIK** are at the customers' disposal with competent and friendly advice.

In 1999 a further company for dental material was built in Radeberg, Saxony, and since then both, **MEGA-PHYSIK** dental curing light systems have been sold by our business partners and dental materials has been successfully used by dentists in more than 50 countries in the world.

The certification of the quality assurance system according to DIN EN ISO 13485:2016 for the registration of the production of medical products, continuously guarantees the high-quality level of the products manufactured by **MEGA-PHYSIK**.



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HYBRISUN classic

HYBRISUN classic is a universal light curing Microhybrid Composite for restorations in the anterior- and posterior tooth area. The continuous plastic consistency and large colour assortment allows excellent usability of the material and is well suited for the classic filling therapy and layer technique in filling structures. HYBRISUN classic can be polished to a high gloss and offers a highly aesthetic restoration. The fillers contain fine dental glass particles and highly dispersible silicone oxides, which are specifically treated and cover the surface with a hydrophobic layer. The surface of HYBRISUN classic is therefore resistant and protected from residue deposits and discolorations. HYBRISUN classic is X-ray-opaque and has a fluorescent effect like the natural tooth structure.

The homogeneous structure of the investments and the selected fillers guarantee the chameleon effect and natural opalescence. The high gloss polish capability insures a long colour retention and natural aesthetic of the restoration. The pleasant process paired with the outstanding characteristics and the universal applicability of HYBRISUN classic stand for a high quality and long lifetime of the restoration.



Article no.	Shade	Content
6000-A1	Enamel A1	Single syringe 4 g
6000-A2	Enamel A2	Single syringe 4 g
6000-A3	Enamel A3	Single syringe 4 g
6000-A3,5	Enamel A3,5	Single syringe 4 g
6000-A4	Enamel A4	Single syringe 4 g
6000-B1	Enamel B1	Single syringe 4 g
6000-B2	Enamel B2	Single syringe 4 g
6000-B3	Enamel B3	Single syringe 4 g
6000-B4	Enamel B4	Single syringe 4 g
6000-C1	Enamel C1	Single syringe 4 g
6000-C2	Enamel C2	Single syringe 4 g
6000-C3	Enamel C3	Single syringe 4 g
6000-C4	Enamel C4	Single syringe 4 g
6000-D2	Enamel D2	Single syringe 4 g
6000-D3	Enamel D3	Single syringe 4 g
6000-D4	Enamel D4	Single syringe 4 g
6000-DA1	Dentin A1	Single syringe 4 g
6000-DA2	Dentin A2	Single syringe 4 g
6000-DA3	Dentin A3	Single syringe 4 g
6000-DA3,5	Dentin A3,5	Single syringe 4 g
6000-DB2	Dentin B2	Single syringe 4 g

Article no.	Assortment	
6000-INC	Incisal (Transparent)	Single syringe 4 g
6000-G21	GINGIVA 21 pink	Single syringe 4 g
6000-G23	GINGIVA 23 pink	Single syringe 4 g
6000-G25	GINGIVA 25 pink	Single syringe 4 g
Article no.	Assortment	
6010-00	HYBRISUN classic 4	4 x 4 g + Access.
6011-00	HYBRISUN classic 6	6 x 4 g + Access.
6012-00	HYBRISUN classic 8	8 x 4 g + Access.

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HYBRISUN classic flow

HYBRISUN classic flow is a flowable light curing Microhybrid Composite which is X-ray opaque. HYBRISUN classic flow has a natural fluorescence and is used in the filling therapy for micro preparations and tooth neck defects, the expanded fissure occlusion, the fixation and repair of composite- and enamel restorations as well as to the placement of the first filling layer by composite restorations.

The slightly thixotropic consistence prevents the dripping of HYBRISUN classic flow and allows accurate application. Therefore a high stability of the material is guaranteed. Measured transparency and the combinability with filler materials, e. a. HYBRISUN classic, permit an optimal range of application for HYBRISUN classic flow. Based on the matrix with micro-glass-filler HYBRISUN classic flow can be polished to a high gloss and rendering it abrasion resistant. HYBRISUN classic flow is available in the most popular basic shades.

HYBRISUN classic Compules

Article no.	Shade	Content
6041-A1	Enamel A1	20 x 250 mg
6041-A2	Enamel A2	20 x 250 mg
6041-A3	Enamel A3	20 x 250 mg
6041-A3,5	Enamel A3,5	20 x 250 mg
6041-A4	Enamel-A4	20 x 250 mg
6041-B1	Enamel-B1	20 x 250 mg
6041-B2	Enamel-B2	20 x 250 mg
6041-B3	Enamel-B3	20 x 250 mg
6041-C2	Enamel-C2	20 x 250 mg
6041-C3	Enamel-C3	20 x 250 mg
6041-D3	Enamel-D3	20 x 250 mg
6041-INC	Incisal transparent	20 x 250 mg
6041-DA2	Dentin A2	20 x 250 mg
6041-DA3	Dentin A3	20 x 250 mg

HYBRISUN classic flow

Article no.	Shade	Content
6020-A1	Enamel A1	Single syringe 2 g
6020-A2	Enamel A2	Single syringe 2 g
6020-A3	Enamel A3	Single syringe 2 g
6020-A3,5	Enamel A3,5	Single syringe 2 g
6020-B2	Enamel B2	Single syringe 2 g
6020-DA2	Dentin A2	Single syringe 2 g
6020-DA3	Dentin A3	Single syringe 2 g
Article no.	Assortment	
6030-00	HYBRISUN classic flow 4	4 x 2 g + Access.



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HYBRISUN ceram

HYBRISUN ceram is a universal light curing Microhybrid Composite with special modified Micro-glass filler combination for restorations in the anterior- and posterior tooth area. The microstructure of several Micro-glass filler of HYBRISUN ceram, based on experience in nanotechnology, ensure a higher filler content. This guarantee high colour stability of the final restoration and a lower shrinkage during polymerisation process.

HYBRISUN ceram has a concise chameleon effect and natural opalescence. Through a wide variety of colours and usual processing properties HYBRISUN ceram is suited for the layering technique and aesthetic restorative treatment.

HYBRISUN ceram

Article no.	Shade	Content
6700-A1	Enamel A1	Single syringe 4 g
6700-A2	Enamel A2	Single syringe 4 g
6700-A3	Enamel A3	Single syringe 4 g
6700-A3,5	Enamel A3,5	Single syringe 4 g
6700-A4	Enamel A4	Single syringe 4 g
6700-B1	Enamel B1	Single syringe 4 g
6700-B2	Enamel B2	Single syringe 4 g
6700-B3	Enamel B3	Single syringe 4 g
6700-B4	Enamel B4	Single syringe 4 g
6700-C1	Enamel C1	Single syringe 4 g
6700-C2	Enamel C2	Single syringe 4 g
6700-C3	Enamel C3	Single syringe 4 g
6700-C4	Enamel C4	Single syringe 4 g
6700-D2	Enamel D2	Single syringe 4 g
6700-D3	Enamel D3	Single syringe 4 g
6700-D4	Enamel D4	Single syringe 4 g

Article no.	Shade	Content
6700-DA2	Dentin A2	Single syringe 4 g
6700-DA3	Dentin A3	Single syringe 4 g

6700-INC	Incisal (Transparent)	Single syringe 4 g
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Article no.	Assortment	
6710-00	HYBRISUN ceram 4	4 x 4 g + Access.
6710-00	HYBRISUN ceram 6	6 x 4 g + Access.
6710-00	HYBRISUN ceram 8	8 x 4 g + Access.

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HYBRISUN ceram *flow*

HYBRISUN ceram flow is a universal, flowable filling material. HYBRISUN ceram *flow* has a natural fluorescence and is used in the filling therapy for micro preparations and tooth neck defects, the expanded fissure occlusion, the fixation and repair of composite- and natural enamel restorations as well as to the placement of the first filling layer by composite restorations. The slightly thixotropic consistence prevents the dripping of HYBRISUN ceram *flow* and allows accurate application. The matrix with additional ceramic filler provide a low polymerization shrinkage and a high abrasion resistance of the final restoration. The balanced transparency and the combinability with filling materials, e.a. HYBRISUN ceram *flow* result in a wide range of application. HYBRISUN ceram *flow* is available in the most wanted basic shades.

HYBRISUN ceram Compules

Article no.	Shade	Content
6741-A1	Enamel A1	20 x 250 mg
6741-A2	Enamel A2	20 x 250 mg
6741-A3	Enamel A3	20 x 250 mg
6741-A3,5	Enamel A3,5	20 x 250 mg
6741-A4	Enamel-A4	20 x 250 mg
6741-B1	Enamel-B1	20 x 250 mg
6741-B2	Enamel-B2	20 x 250 mg
6741-B3	Enamel-B3	20 x 250 mg
6741-C2	Enamel-C2	20 x 250 mg
6741-C3	Enamel-C3	20 x 250 mg
6741-D3	Enamel-D3	20 x 250 mg
6741-INC	Incisal transparent	20 x 250 mg
6741-DA2	Dentin A2	20 x 250 mg
6741-DA3	Dentin A3	20 x 250 mg

HYBRISUN ceram flow

Article no.	Shade	Content
6720-A1	Enamel A1	Single syringe 2 g
6720-A2	Enamel A2	Single syringe 2 g
6720-A3	Enamel A3	Single syringe 2 g
6720-A3,5	Enamel A3,5	Single syringe 2 g
6720-B2	Enamel B2	Single syringe 2 g
6720-DA2	Dentin A2	Single syringe 2 g
6720-DA3	Dentin A3	Single syringe 2 g

Article no.	Assortment
6730-00	HYBRISUN ceram flow 4 4 x 2 g + Access.

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HYBRISUN nano

HYBRISUN nano is a light curing universal composite that combines the typical properties of a microhybride with the advantages of nanotechnology. The high content of inorganic fillers (>82 % by weight / 67 % by volume) and the even distribution of the microglass and the nanoparticles ensure low shrinkage (<1.9 % by volume) in light polymerisation. As a result, high dimensional stability and abrasion resistance are achieved in the finished restoration. The filling material is X-ray opaque and applicable for fillings of class I; II; III; IV e V, for composite inlays and veneering of discoloured teeth. HYBRISUN nano shows a natural fluorescence in ultraviolet light. Hybrisun nano is not sticky to the instrument, has a constant plastic consistency and is slightly thixotropic. This allows a stressfree work in the anterior and posterior tooth area. An extensive range of shades in Enamel, Dentine and Transparent compounds facilitates an optimal layering of aesthetic restorations. The filler combination guarantees the desired chameleon effect, a natural opalescence and adapted fluorescence. Hybrisun nano can be used with common adhesive systems, e. g. N-Bond and C-Prime S plus. The combination with Hybrisun nano flow permits optimal application in all cavity classes.

HYBRISUN nano

Article no.	Shade	Content
6200-A1	Enamel A1	Single syringe 4 g
6200-A2	Enamel A2	Single syringe 4 g
6200-A3	Enamel A3	Single syringe 4 g
6200-A3,5	Enamel A3,5	Single syringe 4 g
6200-B2	Enamel B2	Single syringe 4 g
6200-B3	Enamel B3	Single syringe 4 g
6200-C2	Enamel C2	Single syringe 4 g
6200-D3	Enamel D3	Single syringe 4 g

Article no.	Assortment	
6200-DA2	Dentin A2	Single syringe 4 g
6200-DA3	Dentin A3	Single syringe 4 g
6200-DA3,5	Dentin A3,5	Single syringe 4 g
6200-DD3	Dentin D3	Single syringe 4 g
6200-INC	Incisal (Transparent)	Single syringe 4 g

Article no.	Assortment	
6210-00	HYBRISUN nano 4	4 x 4 g + Access.
6211-00	HYBRISUN nano 6	6 x 4 g + Access.
6212-00	HYBRISUN nano 8	8 x 4 g + Access.

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HYBRISUN nano flow

HYBRISUN nano flow is a novel flowable filling material and combines the typical properties of a flowable composite with the most recent findings of nanotechnology. With more than 74 % by weight, the total filler content of HYBRISUN nano flow is as high as that of conventional universal composites. HYBRISUN nano flow slightly moistens the cavity wall and flows well into the cavity in application. HYBRISUN nano flow shows a natural fluorescence in ultraviolet light and is used in the filling therapy for micro preparations and dental neck defects, extended fissure sealing, fixation and repair of composite and ceramic restorations as well as for applying the first filling layer in composite restorations. Due to a slightly thixotropic consistency, HYBRISUN nano flow does not drip and can be applied with high precision.

The combinability with filling materials such as HYBRISUN nano and N-Bond permits an optimal application range for HYBRISUN nano flow. During polymerisation the shrinkage of the material is reduced to a minimum by the nano-particle enriched matrix. The finished restoration with HYBRISUN nano flow can be polished to high gloss and is resistant against abrasion. HYBRISUN nano flow is available in the most popular basic shades.

HYBRISUN nano Compules

Article no.	Shade	Content
6241-A1	Enamel A1	20 x 250 mg
6241-A2	Enamel A2	20 x 250 mg
6241-A3	Enamel A3	20 x 250 mg
6241-A3,5	Enamel A3,5	20 x 250 mg
6241-B2	Enamel-B2	20 x 250 mg
6241-C2	Enamel-C2	20 x 250 mg
6241-D3	Enamel-D3	20 x 250 mg
6241-INC	Incisal transparent	20 x 250 mg
6241-DA2	Dentin A2	20 x 250 mg
6241-DA3	Dentin A3	20 x 250 mg

HYBRISUN nano flow

Article no.	Shade	Content
6220-A1	Enamel A1	Single syringe 2 g
6220-A2	Enamel A2	Single syringe 2 g
6220-A3	Enamel A3	Single syringe 2 g
6220-A3,5	Enamel A3,5	Single syringe 2 g
6220-B2	Enamel B2	Single syringe 2 g
Article no.	Assortment	
6230-00	HYBRISUN nano flow 4	4 x 2 g + Access.

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HYBRISUN aesthetic

HYBRISUN aesthetic is the universal light curing Microhybrid-Composite for restorations in the anterior- and posterior tooth area. The optimal consistence and colour choice permits the individual anterior fillings in the layer technique as well as the occlusal posterior fillings.

The filler combination, consisting of glass filler and ultra fine SiO₂, is entirely coated with a reactive hydrophobic layer. This guarantees high restoration stability. The average size of the glass filler is 0.6 µm, rendering a high filler investment with optimal particle size distribution.

The measured filler combination ensures a concise chameleon effect, a natural opalescence through the Rayleigh dispersion of the visible light and high gloss polish capability. These properties lend a natural aesthetic looking to the placed filling.

Hybrisun aesthetic is X-ray opaque and available in a wide variety of shades.

HYBRISUN aesthetic

Article no.	Shade	Content
6100-A1	Enamel A1	Single syringe 4 g
6100-A2	Enamel A2	Single syringe 4 g
6100-A3	Enamel A3	Single syringe 4 g
6100-A3,5	Enamel A3,5	Single syringe 4 g
6100-B2	Enamel B2	Single syringe 4 g
6100-B3	Enamel B3	Single syringe 4 g
6100-B4	Enamel B4	Single syringe 4 g
6100-C2	Enamel C2	Single syringe 4 g
6100-C4	Enamel C4	Single syringe 4 g
6100-D3	Enamel D3	Single syringe 4 g

Article no.	Assortment	
6100-DA1	Dentin A1	Single syringe 4 g
6100-DA2	Dentin A2	Single syringe 4 g
6100-DA3	Dentin A3	Single syringe 4 g
6100-DA3,5	Dentin A3,5	Single syringe 4 g
6100-DB2	Dentin B2	Single syringe 4 g
6100-DD3	Dentin D3	

6100-INCY	Incisal white-yellow	Single syringe 4 g
6100-INCG	Incisal grey	Single syringe 4 g

Article no.	Assortment	
6110-00	HYBRISUN aesthetic 4	4 x 4 g + Access.
6111-00	HYBRISUN aesthetic 6	6 x 4 g + Access.
6112-00	HYBRISUN aesthetic 8	8 x 4 g + Access

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HYBRISUN aesthetic flow

HYBRISUN aesthetic flow is a flowable light curing Microhybrid Composite which is X-ray opaque. HYBRISUN aesthetic flow is used in the filling therapy of micro preparations and defects of the tooth neck, the expanded occlusion of fissures, the fixation and repair of composite- and ceramic restorations as well as the placement of the first filling layer by composite restorations. HYBRISUN aesthetic flow has optimal flowable properties. Due to its thixotropic consistence the investment does not drip and has good stability.

That is why the HYBRISUN aesthetic flow is very accurate applicable to the point in the smallest cavities and undercuts and the perfect supplement for HYBRISUN aesthetic. The fine transparency of HYBRISUN aesthetic flow causes the placed fillings to blend in well with the surrounding natural tooth (chameleon effect) of the glass-filler investment. HYBRISUN aesthetic flow is available in the most popular basic shades. HYBRISUN aesthetic flow fulfils the highest demands in aesthetic, application range and economical working.

HYBRISUN aesthetic Compules

Article no.	Shade	Content
6141-A1	Enamel A1	20 x 250 mg
6141-A2	Enamel A2	20 x 250 mg
6141-A3	Enamel A3	20 x 250 mg
6141-A3,5	Enamel A3,5	20 x 250 mg
6141-B2	Enamel-B2	20 x 250 mg
6141-B3	Enamel-B3	20 x 250 mg
6141-C2	Enamel-C2	20 x 250 mg
6141-D3	Enamel-D3	20 x 250 mg
6141-DA2	Dentin A2	20 x 250 mg
6141-DA3	Dentin A3	20 x 250 mg

HYBRISUN aesthetic flow

Article no.	Shade	Content
6120-A1	Enamel A1	Single syringe 2 g
6120-A2	Enamel A2	Single syringe 2 g
6120-A3	Enamel A3	Single syringe 2 g
6120-A3,5	Enamel A3,5	Single syringe 2 g
6120-B2	Enamel B2	Single syringe 2 g
6120-DA2	Dentin A2	Single syringe 2 g
6120-DA3	Dentin A3	Single syringe 2 g
Article no.	Assortment	
6130-00	HYBRISUN aesthetic flow	4 x 2 g + Access.

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HYBRISUN molar

Light curing condensable posterior filling materials

HYBRISUN molar is a light curing condensable filling material especially for posterior restoration. Due to the attuned filler combination, a very high filling degree of more than 67 % by volume is reached. This corresponds to a filling degree of more than 81 % by weight with conventional dental glass. The flexural strength of HYBRISUN molar is distinctly higher than the values of other universal composites. Therefore HYBRISUN molar is especially well suitable for the posterior tooth restoration. With this indication it is superior to the universal composites.

The high content of inorganic fillers and the special structure provide a stable consistency that prevents the mould from flowing and renders the material well condensable. This is achieved by means of the micro-morphological surface structure of the fillers. Their interlocking with each other under pressure causes HYBRISUN molar to be condensable.

HYBRISUN molar is X-ray opaque and applicable for fillings of class I, II and V, stump constructions, deciduous tooth restorations as well as for composite inlays in the posterior tooth area. HYBRISUN molar is not sticky to the instrument and can be used with metal matrix and wooden wedge. Its outstanding condensability and stability facilitate easy shaping of points of contact and occlusion surfaces.



HYBRISUN-T

HYBRISUN-T is a light curing, temporary one-step filling material for all kinds of cavities and preparations. HYBRISUN-T contains Fluoride, which reduce the risk of secondary caries.

The application of HYBRISUN-T is fast and easy and gains a high resistance after light curing. HYBRISUN-T is mechanically resistant immediately after curing. HYBRISUN-T is easy to remove.



HYBRISUN molar

Article no.	Shade	Content
6300-A1	A1	Single syringe 4 g
6300-A2	A2	Single syringe 4 g
6300-A3	A3	Single syringe 4 g
6300-A3,5	A3,5	Single syringe 4 g
6300-B1	B2	Single syringe 4 g
6300-D3	D3	Single syringe 4 g

Article no.	Assortment	
6310-00	HYBRISUN molar 4	4 x 4 g + Access.
6311-00	HYBRISUN molar 6	6 x 4 g + Access.

HYBRISUN-T

Article no.	Shade	Content
6900	Universal	Single syringe 4 g

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Megacem Aqua-Set glass-ionomer filling cement

Megacem is suitable for the restorations in the cavities class III , V and minimal class I fillings, fissure fillings, restorations in deciduous teeth and for build up cores. It is available as water-mixed glass-ionomer cement for dental fillings. The shading of Megacem with 6 basic colours makes restorations with high aesthetics and an economic inventory possible. Megacem guarantees a strong adhesion to natural tooth Enamel and Dentin.

Megacem is formulated for low solubility and low acidity.



MEGACEM Aqua-Set

Article no.	Shade	Content of the pack
6601-A1	A1	20 g powder, dosing bottle, measuring spoon, mixing block
6601-A2	A2	20 g powder, dosing bottle, measuring spoon, mixing block
6601-A3	A3	20 g powder, dosing bottle, measuring spoon, mixing block
6601-A3,5	A3,5	20 g powder, dosing bottle, measuring spoon, mixing block
6601-B2	B2	20 g powder, dosing bottle, measuring spoon, mixing block

Megacem powder / liquid glass-ionomer filling cement

Megacem is a glass-ionomer cement in powder and liquid for dental fillings. The application and shades are the same like Megacem Aqua-Set.

MEGACEM powder / liquid

Article no.	Shade	Content of the pack
6603-A1	A1	20 g powder, 10 ml liquid, measuring spoon, mixing block
6603-A2	A2	20 g powder, 10 ml liquid, measuring spoon, mixing block
6603-A3	A3	20 g powder, 10 ml liquid, measuring spoon, mixing block
6603-A3,5	A3,5	20 g powder, 10 ml liquid, measuring spoon, mixing block
6603-B2	B2	20 g powder, 10 ml liquid, measuring spoon, mixing block
6603.LQ		10 ml liquid

ADHESIVE SYSTEMS

Mega-Physik provides high-class adhesive systems for the optimal filling therapy. With C-Cid the natural tooth enamel can be etched or the "Total Etch Technique" performer. C-Bond, C-Bond ceram and N-Bond as light curing dental adhesive guarantees a high mechanical bonding for the filling on natural Enamel. The conditioning of enamel and dentin can take place in one process with the universal prime and bond C-Prime S plus.

C-Cid

C-Cid is an etching gel for the adhesive filling therapy, consisting of a glycerine gel with a 37% phosphoric acid contents. C-Cid is also suitable for the total etching technique.



Article no.	Product information	Content
6520-00	Etching gel	Single syringe 3 g
6521-00	Etching gel	Single syringe 5 g



C-Bond

C-Bond is a light curing dental adhesive and is used in the filling therapy as adhesive connection as well as bonding during the repair of resin-, ceramic, crown- and bridge works.

Article no.	Product information	Content
6500-00	Dental-Adhesive	Bottle 5 ml



N-Bond

Dental adhesive by nano-concept

N-Bond is a light curing and with nano-particles reinforced dental adhesive. By adding nano-particles, the properties are improved without increasing the viscosity of the adhesive. N-Bond is easy to apply and moistens the tooth cavity for excellent adhesive bonding.

The low polymerisation shrinkage reduces the marginal gap formation in filling therapy to a minimum. N-Bond is used in fissure sealing and adhesive fixation.

Article no.	Product information	Content
6502-00	Dental-Adhesive	Bottle 5 ml



C-Prime-S-plus

C-Prime S is a light curing ethanol based prime & bond dental adhesive for the Enamel- and Dentine adhesion used in the filling therapy. C-Prime S plus is used in the direct, light curing composite- and compomer filling therapy, by indirect ceramic- and composite restorations (inlay, onlay, veneers) as well as bonding during the repair of resin-, ceramic-, crown- and bridge works. The ethanol base of C-Prime S plus ensures a fast and secure use and provides the ideal bonding of the composite (Wet-Bonding-Technique).

Article no.	Product information	Content
6504-00	Dental-Adhesive	Bottle 5 ml

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C-Bond ceram

C-Bond ceram is a further development of C-Bond and enhance significant the excellent properties of C-Bond reducing the shrinkage by a higher filler concentration and improved mechanically adhesion.

Article no.	Product information	Content
6510-00	Dental-Adhesive	Bottle 5 ml



C-Prime-SE

C-Prime SE is a one-step self-etching, light curing Prime and Bond (7th generation) for direct application. The steps etching, rinsing, drying, priming and bonding are replaced by the direct application of C-PRIME SE succeeded by photopolymerization. C-PRIME SE provides high bond strength to natural enamel and dentin. This ensures more efficient compound between restorative material and tooth structure. C-PRIME SE provides secure adhesion to various material such as ceramic, zircon a metal.

Article no.	Product information	Content
6508-00	Self etching Dental-Adhesive	Bottle 5 ml



Kerasil

Kerasil is a ready for use resin-coating (SILAN) material for Ceramic and Metal surfaces to enable a chemical compound to organic structures like Composites.

Article no.	Product information	Content
6545-00	Silan-Bond Adhesive	Bottle 3 ml



C-FLUORINE

C-FLUORINE is a pyretic agent in gel format for roughening of Ceramic surfaces of compositions e.a. ceramic veneers, crowns and inlays

Article no.	Product information	Content
6540-00	Etching gel for Ceramic	Single syringe 3 g

CEMENTS

Megafix Aqua-Set

Megafix is suitable for the cementing of crown-and bridge works, Onlays and C-B works. It is available as water-mixed glass-ionomer cement for dental fixations. Megafix can be used for luting as under filling and fixation material. Megafix joins a very low film thickness with a high compressive strength.

Megafix guarantees a strong adhesion to natural tooth Enamel and Dentine with Fluoride release. The cement is formulated for low solubility and low acidity in the mouth.

Article no.	Product information	Content
6600-00	Glass-ionomer cement water miscible	20 g powder, measuring spoon, mixing block, dosing bottle



Megafix powder / liquid

Megafix is a glass-ionomer cement in powder and liquid for dental fixations. The application is the same like Megafix Aqua-Set.

Article no.	Product information	Content
6602-00	Glass-ionomer cement powder / liquid	20 g powder, 10 ml liquid measuring spoon, mixing block
6602-LQ	Mixing fluid	10 ml



C-CEMENT flow

C-CEMENT flow is a easy flowing light and chemical curing composite cement for fixation of composite and for enamel restorations, e. a. Inlays, Onlays

C-B works. With the application in a double chambered syringe, the mixing process is simplified and a direct application made possible. C-CEMENT flow is also suitable for the fixation of brackets and orthodontic applications, The universal shading of the dual cement allows aesthetic fixation of the restoration.

Article no.	Product information	Content
6530-00	Composite-based dual-cement	2 x 4 g Automix double syringe 6 Mixing tips
6530-06	Mixing tips	6 pcs

DENTAL PRODUCTS

GERMAN QUALITY FOR DENTISTRY

TRAY MATERIALS



MP-TRAY

MP-Tray is a light curing tray material for the fabrication of individual custom trays with extremely high dimensional stability. The composite resin is presented in form of contoured wafers in the colours pink, blue and transparent (natural). The simple processing of MP-Tray with a long modelling- and processing time makes the efficient production of individual custom trays in the laboratory and dental cabinet possible.

The universal form and the consistent thickness of 2,2 mm of MP-Tray allow the production of upper and lower trays. The grip can be made from the rest of the material. After modulation MP-Tray must be cured in a light curing unit, e. a. MEGALIGHT, for 5 minutes. The consistently high quality of the material guarantees a minor polymerisation shrinkage (below 2 vol. %) and excellent form stability.

MP-TRAY base plate

MP-Tray material is also as light curing base plate available. The thickness of the contoured wafers is only 1,4 mm. MP-Tray base plates wafers are suitable for fabrication of biteplates and bite templates. The slight transparency of the tray allows the graceful work with marked models. After modulation, MP-Tray plate must be cured in a light curing unit, e. g. MEGALIGHT, for 5 minutes approx. The consistently high quality of the material guarantees a minor polymerisation shrinkage and outstanding form stability.

Article no.	Product information	Content
5000-PK	Custom tray 2,2 mm, pink	Plastic box à 50 pcs
5000-BL	Custom tray 2,2 mm, blue	Plastic box à 50 pcs
5000-TR	Custom tray 2,2 mm, transparent	Plastic box à 50 pcs
5000-WH	Custom tray 2,2 mm, white	Plastic box à 50 pcs
5010-PK	Base plate 1,4 mm, pink	Plastic box à 50 pcs

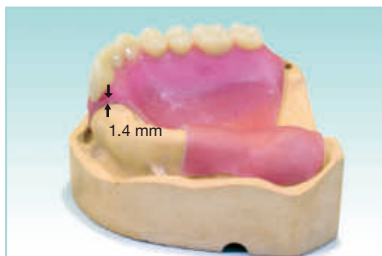
TRAY MATERIALS



The procedure of fabrication an individual tray is easy and without problem. Remove the fleece cover from the wafer, adapt MP-Tray onto the blocked-out plaster model, which has been isolated previously with an Alginate solution (Lisol) and cut the rim with a sharp knife or scalpel. The excessive material can be used to form a handle to be fixed onto the tray. Now the crowned artwork must be cured for 5 minutes in a suitable light polymerization unit like DENTALUX-2 (capacity 2 tray) or DENTALUX-4 (capacity 4 tray.) After curing remove the tray from the plaster and cure the reverse side of the tray additional 3 minutes because of the increased material thickness at the handle. A slight inhibition film caused by atmospheric oxygen during the curing process can be removed easily with a tissue moistened with Megaclean, an eudermic solution. The custom tray is now ready for use.



Light curing wafers for base plates



MP-Tray is also available in 1.4 mm thickness and can be used for fabrication of biteplates and bite templates. The wafers are slightly transparent to recognize marks on the plaster model.

The base plate is adapted onto the plaster model by the same procedure as described previously. After modulation the base plate must be cured in a light polymerisation unit e. g. DENTALUX-4 or DENTALUX-2 for 5 minutes approx.

The pictures show the setting of teeth on a temporary base for an artificial denture.

MODELING RESIN



LIMOD-LC / LIMOD-LC *flow*

LIMOD-LC/LC *flow* are ready-to-use light curing contouring resin filled in syringes. It is designed for contouring of Inlays, Onlays, Crowns and for fixation of solder points and is helpful by the preparations of metal cast dentures and for blocking out of undercuts.

LIMOD-LC *flow* has optimal flowable properties. Due to its thixotropic consistency the contouring work does not drip down and has excellent stability. It can be used for contouring of cast clasps, adhesive bridges, Implant abutments and precision attachments. LIMOD LC/LC *flow* can be applied directly from the syringe and can be cured in a standard light box (UV and/or blue light) like DENTALUX-4 or DENTALUX-4L and it burns out residue free. The cured LIMOD-LC/LC *flow* can be combined with any standard or light cured wax.

LIMOD LC

Article no.	Product information	Content
5601.00	Paste blue	Single syringe 3 g
5610-10	Paste blue, assortment	4 x 3 g

LIMOD LC *flow*

Article no.	Product information	Content
5602-00	Low viscosity paste blau	Single syringe 3 g
5611-00	Assortment pack blue	4 x 3 g
5604-00	Low viscosity paste pink	Single syringe 3 g
5612-00	Assortment pack pink	4 x 3 g

Liseal- ULC universal

Liseal- ULC is a light cured surface varnish for dentures, repairs and orthodontic applications. The sealing stabilizes the surface, is abrasion resistant and high-gloss. Liseal-ULC is applied preferably with a brush in a thin layer. After application Liseal ULC must be cured in a UV light box preferably Dentalux-4 in 5 minutes or Dentalux-4 fast-cure in 2 minutes.



Article no.	Product information	Content
5020-00	bottle with brush insert	20 ml
5020-01	bottle with drop insert	30 ml

Liseal-NLC nano concept

Liseal-NLC is a light cured surface varnish reinforced by nano particles. These effect a higher scratch resistance and higher gloss. Liseal-NLC is designed for sealing acrylic, composite, plastic and ceramic* surfaces, in denture components, plastic bite guard splints, orthodontic and provisional appliances. Liseal-NLC is applied with a brush in a thin layer. After application Liseal-NLC must be cured in a UV light box preferably Dentalux-4 in 5 minutes or Dentalux-4 fast-cure in 2 minutes.

*) subsequent to pre-treatment with KERASIL (Silan): bottle 20 ml with brush insert Bottle 30 ml with dropping outlet



Article no.	Product information	Content
5021-00	bottle with brush insert	20 ml



MEGALUX SOFT START

MEGALUX soft start

Halogen curing light unit with a soft start mode for the polymerisation of light curing filling material.

The filling material is carefully pre-polymerised by low light intensity in order to avoid stress in the dental material.

Mains voltage:	230V / 110V
Power consumption:	105 W
Halogen bulb:	12V/75W spot-adjusted
Spectrum:	400–500 nm (blue light)
Polymerisation time:	
Soft start mode:	10 s (soft) + 30 s
Standard mode:	20 s / 40 s/ continuous acoustic signal every 10 s



Article no.	Product information	Voltage supply
7044-S01	Device with accessories	230V/Europlug

Optional light tips

The light tips consist of a bundle with parallel glass fibres with an additional black melt-on glass coating. This prevents the highly intensive light from coming out sideways even if there are some defective glass fibres.



Article no.	Product information / Content 1 piece
7000-002-SB	ST08 Standard 8mm/60°
7000-037-SB	UN10 Universal 10mm/60°
7000-038-SB	OC11 Occlusal 11mm/60°
7000-026-SB	F160 FOCUS 160 12/8mm/60°/90mm
7000-039-SB	FA12 Facial 12,5mm/0°/70mm
7000-044-SB	LT83 Layer technologie 8/3mm/60°/90mm
7000-041-SB	LT84 Layer technologie /8/4mm/90°/90mm

CROMALUX LED

CROMALUX-LED *multi-wave*

The solution for polymerisation all kind of light cured composites not only camphorquinon-based materials.



Light intensity: 1800 mW/cm² with Turbo tip FOCUS 160
2700 mW/cm² with Turbo tip FOCUS 170

Wavelength range: 390 – 480 nm comparable with the spectrum of halogen light.

Operation mode: **Soft-start** in the first 5 s, followed by full power. To activate the light press the start button temporarily (shorter than 1 s)
Fast-cure starts with full power. To activate the light, press the start button for more than 1 s.

Timer: 20 s, acoustic signal every 5 s.

Article no.	Product information	Power supply
7037-B04	CROMALUX-LED multi-wave + access.	EURO-plug

CROMALUX LED *1200*

Light intensity: 1400 mW/cm²

Wavelength range: 430 – 490 nm

Operation mode: Soft-start in the first 5 s, followed by full power
To activate the light just press the start button
Temporarily (shorter than 1s)
Fast-cure starts with full power. To activate the light
Press the start button for more than 1 s

Timer: 20 s, acoustic signal every 5 s.

Voltage supply: 100-240 VAC, 50-60 Hz (Battery charger)



Article no.	Product information	Power supply
7037-B01	CROMALUX-LED 1200 + accessories	EURO-plug

CROMALUX-LED, DENTALUX

CROMALUX LED *Ortho*



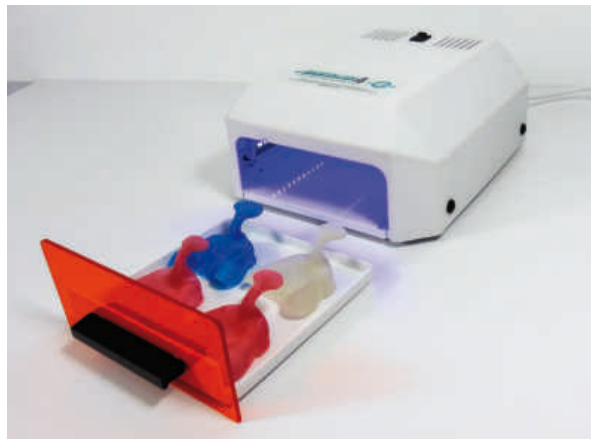
Battery powered high performance LED polymerisation lamp, suitable for all light-curing composite material Camphor-Quinone based.

Light intensity:	1500 mw/cm ² with focusing Turbo-Light tip FOCUS 160
Light intensity:	1500 mw/cm ² with focusing Turbo-Light tip FOCUS 160
	2400 mw/cm ² with focusing Turbo-Light tip FOCUS 170
Wavelength range:	430 – 490 nm
Operation mode:	Fast-cure: Starts with full power when activation the start button.
Timer:	60s, acoustic signal every 5 s.
Power supply:	100-240 VAC/50-60 Hz (Battery charger)

CROMALUX-LED *ortho*

Article no.	Product information	Power supply
7037-C01	CROMALUX-LED ortho + accessories	EURO-plug

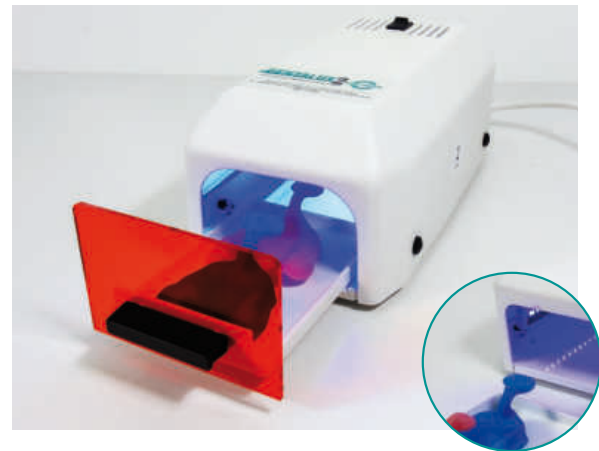
DENTALUX-4 *fast-cure*



DENTALUX-4 *fast-cure* is equipped with 48 pcs High-power light-emitting-diodes
Capacity of the drawer: 4 models
Supply voltage: 200-240 VAC/50-60 Hz
Wavelength: 360-410 nm
Curing time: 2 minutes

Article no..	Product information
7042-20	DENTALUX-4 fast-cure
7042-D4	Spare drawer

DENTALUX-2 *fast-cure*



DENTALUX-2 *fast-cure* is equipped with 24 pcs High-power light-emitting-diodes
Capacity of the drawer: 2 models
Supply voltage: 200-240 VAC/50-60 Hz
Wavelength: 360-410 nm
Curing time: 2 minutes

Article no.	Product information
7042-00	DENTALUX-2 fast-cure
7042-D2	Spare drawer

DENTAL PRODUCTS

GERMAN QUALITY FOR DENTISTRY

ACCESSORIES AND SPARE PARTS

FOR CURING LIGHT UNITS



Article no.	Product information	Article no.	Product information
7000-016	Eye protection shield, straight	7000-027	Eye protection shield, round
7000-017	Eye protection shield, curved	7000-048	Eye protection shield, oval
7000-018P	Safety goggles		



Article no.	Product information	Article no.	Product information
7000-601	Holding device for Handpiece	7037-100	Power supply for LED units
7000-900	Nose cone with polymerisation filter	7037-350	Li-Ion-Accu for LED units
7000-001	Spare halogen bulb 75 Watt	7046-046	Turbo-Light tip 12/8mm
7000-002	Standard light tip 8mm		

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