

# Charisma<sup>®</sup> Topaz

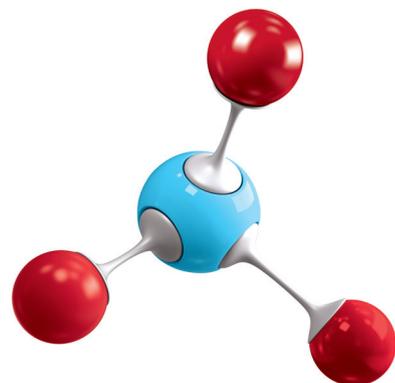


Charisma<sup>®</sup> Topaz

## PRODUCT INFORMATION

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The three - in - one composite solution



# Charisma® Topaz

**Charisma Topaz** is a light-curing, radiopaque nano-hybrid composite based on the patented TCD-matrix.

**It offers the same clinical indications as Charisma Opal:**

Direct restoration of Class I–V cavities (according to G.V. Black)

Direct composite veneers

Shape corrections of teeth (i.e. diastemas, congenital defects in teeth, etc.)

Splinting of teeth loosened by trauma or periodontal disease

Indirect restorations (inlays, veneers)

Restoration of primary teeth

Core build-up

Repairs of porcelain, composite (in combination with an adequate repair-system)



## Composition of Charisma Topaz

TCD-Urethan Monomer

Charisma Topaz	
Matrix	TCD-DI-HEA
Classification	Nano-Hybrid
Filler content	59%
Filler size	5nm – 5 µm
Filler	Barium Aluminium Fluoride glass, pre-polymerized fillers, highly discrete nanoparticles

# Charisma® Topaz

## Physical Properties

Charisma Topaz	
Depths of cure [mm], ISO 4049, 20s LED LCU	2.4
Flexural strength [MPa], ISO 4049	145
Flexural modulus [GPa], ISO 4049	10.7
Shrinkage [Vol%], Watts-method	1.9
Shrinkage stress [MPa], photoelastic test	4.2
Sensitivity to ambient light [s]	120
Abrasion depths [ $\mu\text{m}$ ], ACTA method, 300,000 cycles	20.5
Abrasion volume [ $\mu\text{m}^3$ ] ACTA method, 300,000 cycles	0.17
Radiopacity [%-Aluminum equivalent]	214

## Application of Charisma Topaz

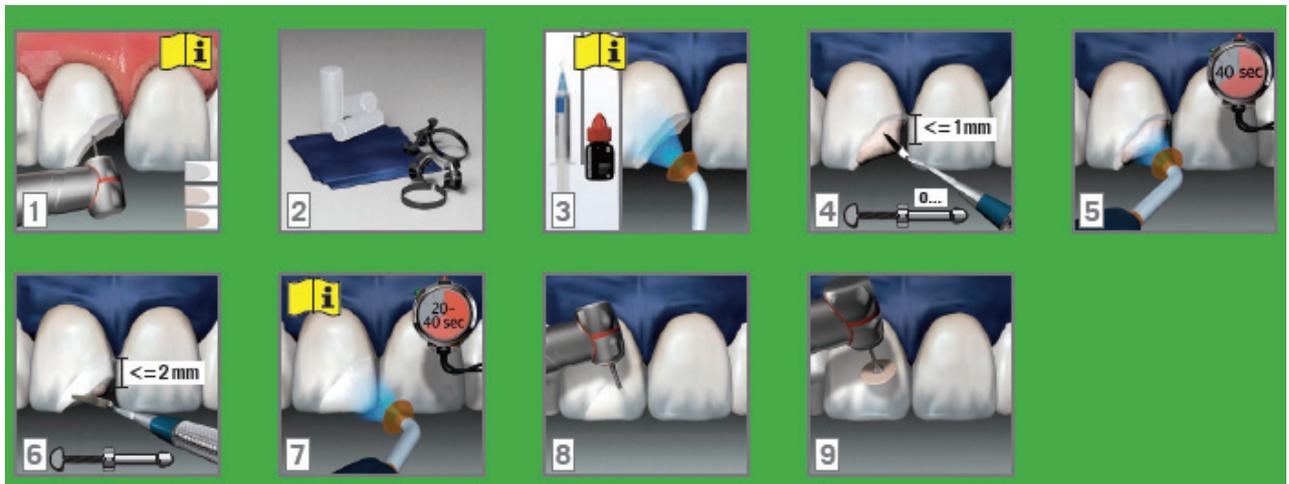
The application of Charisma Topaz is shown in the pictures below .

The cavity/tooth needs to be prepared according to the common rules of adhesive dentistry. Absolute or relative moisture control needs to be performed.

Prior the application of Charisma Topaz an appropriate adhesive system needs to be used accordings its instruction for use. The opaque dentine shades have to be applied in a max. layer thickness of 1 mm and need to be light cured for 40 sec. The following universal shade can be applied then in layers up to 2mm.

Each layer need to be cured according the recommendations in the instructions for use for each shade. Afterwards the restoration needs to be finished using diamond or tungsten arbide finishing burs prior polishing.

# Charisma® Topaz



## Light curing unit



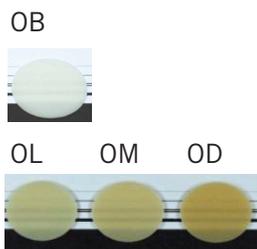
- QTH (Quartz-Tungsten-Halogen) or LED curing light e.g Translux Wave or Translux 2Wave or any other blue-light unit
- All curing lights need to cover 440 – 480 nm wavelength spectrum and need to feature a light output of 550 – 1550 mW/cm<sup>2</sup>
- Place light tip as straight and close as possible on tooth
- Curing of each layer according to recommended curing time
- Do not exceed recommended layer thickness

## Light curing times & maximum layer thickness

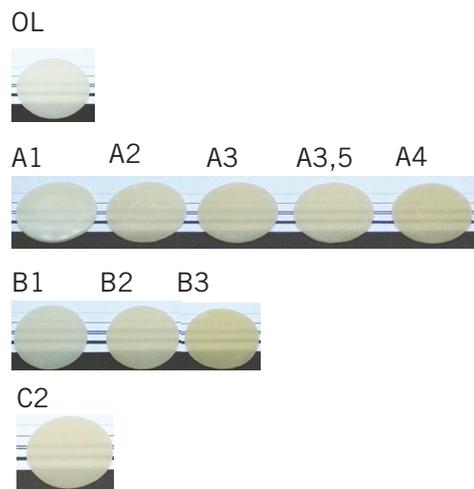
Light curing times	
20 s	40 s
A1, A2, A3, A3.5, B1, B2, B3, C2, CO, CL,	A4, OB, OL, OM, OD, BL
Maximum layer thickness	
1 mm	2 mm
Opaque-shades (OB, OL, OM, OD)	All other incisal and universal shades respectively

# Charisma® Topaz

## Aesthetic shade concept: 3 levels of translucency/opacity



For replicating the opacity of dentine or for covering discoloured tooth areas (e.g. amalgam tattoos)

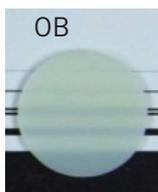
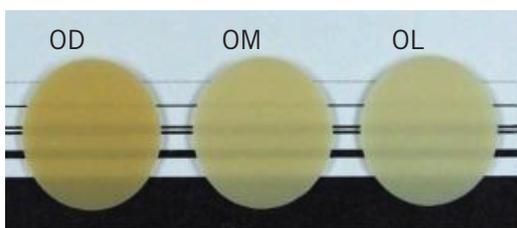


Universal shades for less complex cases reduce layering efforts to a minimum.



Translucent incisal shades  
Real opalescence effects

## Opaque dentine shades



High opacity for replicating dentine or for covering discoloured tooth areas (e.g. amalgam tattoos)

3 opaque dentine shades:

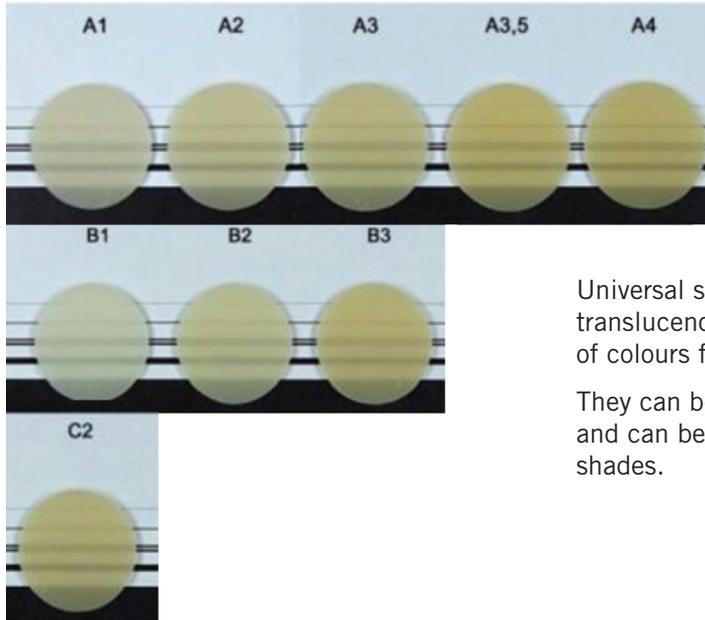
- OL (opaque light)
- OM (opaque medium)
- OD (opaque dark)

In comparison to Charisma Opal, these 3 shades offer higher chroma/ opacity: facilitate covering of discolourations and use in smaller cavities (lower layer thickness necessary)

1 opaque dentine shade for restorations after bleaching:  
OB (opaque bleach).

# Charisma® Topaz

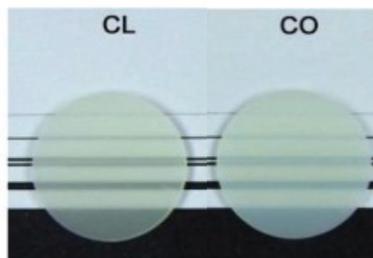
## Universal shades



Universal shades possess colour intensities of medium translucency/ opacity and are available in a large range of colours following the VITA standard.

They can be used with or without additional layering and can be combined with the dentine and/ or incisal shades.

## Incisal shades



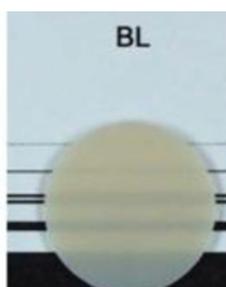
The perfect finish for your restorations.

CL (clear) has the highest translucency and all incisal shades have the lowest colour intensity.

They can be layered over the universal shade to create a more natural, life-like appearance.

CO (clear opal) offers highest possible aesthetics due to the intrinsic opalescence. It can be perfectly used to imitate young enamel and halo effects of the incisal edge.

## Incisal shades



This shade is designed to allow excellent colour match to bleached teeth.

Combine with shade OB (opaque bleach) for ideal results.

# Charisma® Topaz



Charisma Topaz Shade Guide and Layering Guide Shade Guide (available through Master Kit and as separate item):

### Made of real composite

2 layers to imitate layering technique

### Easy shade

Layering guide (available through Basic and Master Kit and as separate item):

Layering „recipes“\* for multi-shade class I, II, III and V restorations & complex class IV restorations

**Easy achievement of high aesthetic restorations and faster familiarisation with composite**

Art.No.	Article	Content
66067179	CHARISMA TOPAZ SYR BASIC KIT + GBU	1x4g syringe each of the shades A2; A3; A3.5; B2; CL; OM 1x4ml bottle of GLUMA Bond Universal; 1x2.5ml syringe of GLUMA Etch 35 Gel; Layering Guide, Pictorial Cards
66067180	CHARISMA TOPAZ SYR MASTER KIT + GBU	1x4g syringe each of the shades A1; A2; A3; A3.5; B2; C2; CL; OL; OM; OD 1x4ml bottle of GLUMA Bond Universal; 1x2.5ml syringe of GLUMA Etch 35 Gel; Shade Guide, Layering Guide, Pictorial Cards



# Charisma® Topaz

## Packages



Art.No.	Article	Range
66067163	CHARISMA TOPAZ SYR REFILL 1x4G - A1	Universal
66067164	CHARISMA TOPAZ SYR REFILL 1x4G - A2	Universal
66067165	CHARISMA TOPAZ SYR REFILL 1x4G - A3	Universal
66067166	CHARISMA TOPAZ SYR REFILL 1x4G - A3.5	Universal
66067167	CHARISMA TOPAZ SYR REFILL 1x4G - A4	Universal
66067168	CHARISMA TOPAZ SYR REFILL 1x4G - B1	Universal
66067169	CHARISMA TOPAZ SYR REFILL 1x4G - B2	Universal
66067170	CHARISMA TOPAZ SYR REFILL 1x4G - B3	Universal
66067171	CHARISMA TOPAZ SYR REFILL 1x4G - C2	Universal
66067172	CHARISMA TOPAZ SYR REFILL 1x4G - OL	Opaque
66067173	CHARISMA TOPAZ SYR REFILL 1x4G - OM	Opaque
66067174	CHARISMA TOPAZ SYR REFILL 1x4G - OD	Opaque
66067175	CHARISMA TOPAZ SYR REFILL 1x4G - CL	Incisal
66067176	CHARISMA TOPAZ SYR REFILL 1x4G - CO	Incisal
66067177	CHARISMA TOPAZ SYR REFILL 1x4G - BL	Bleach
66067178	CHARISMA TOPAZ SYR REFILL 1x4G - OB	Bleach

**Shades CL and OB have not been available before with Charisma Opal**

Art.No.	Article	Content
66067181	CHARISMA TOPAZ SHADE GUIDE	1 Charisma Topaz Shade Guide (1 shade tab each of the two layer shade combinations A1/OL; A2/OL; A3/OM; A3.5/OD; A4/OD; B1/OL; B2/OM; B3/OM; C2/OL; BL/OB; 1 shade tab each of the shades OL, OM, OD, CL, CO, OB; 4 empty shade tabs for individual layering)



## Prices (H2 price list 2016)

CHARISMA TOPAZ SYR REFILL 1x4G	€ 34,90
CHARISMA TOPAZ SYR BASIC KIT + GBU	€ 209,00
CHARISMA TOPAZ SYR MASTER KIT + GBU	€ 339,00
CHARISMA TOPAZ SHADE GUIDE	€ 41,10