



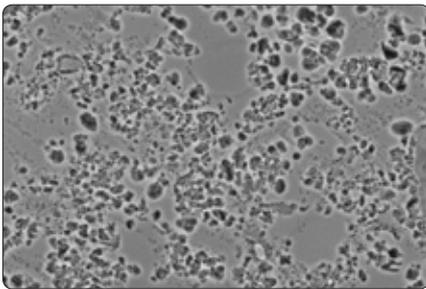
Creation CC Veneering Ceramic Metal

WILLI GELLER
Creation
SIMPLY BRILLIANT

Metalceramic in perfection



REM-picture,
etched, ceramic surface:



Leucite-reinforced metall-ceramic CC

CREATION CC – technically refined – inspired by nature

Better than ever, more brilliant than ever: Creation CC is a high-fusing metal-ceramic with unique optical and physical properties that has developed constantly in line with growing aesthetic demands – **recognized worldwide for 25 years!**

The perfectly coordinated ceramic materials have excellent homogeneity and thus guarantee high flexural strength. The result: a densely sintered structure for **pure and non-porous layering** with the utmost reliability.

The pure potash feldspar with micro-pure leucite crystal structure in Creation CC creates **iridescent light refraction and natural brilliance** and enhances the strength. Exceptional colour nuances can additionally be created with the unique effect materials. The ceramic bonder Crea Alloy Bond also acts as a CTE buffer between metal and ceramic – for improved adhesive properties to non-precious metal and greater colour reliability.

Whether Primus, Starter, Shoulder, Gingiva, Bleach Shades Kit, Kit 1 or 2: With the modular classic brand Creation CC, metal-ceramic restorations can be produced with impressive aesthetics and dimensional stability – for **superb dental artistry!**

Creation CC – natural brilliance and efficiency.

THE BRILLIANCE OF CREATION CC:

- Unique, lifelike aesthetics thanks to highly pure potash feldspar
- Resilience due to consistently high flexural strength
- Natural colour effect and light dynamics due to leucite crystals
- Ease of handling thanks to consistent colour and layering system
- Processing reliability since 1988



Everything in balance

And the metal goes under cover!



CREA ALLOY BOND – tension-free CTE balance

Crea Alloy Bond is a novel bonding agent which was specially developed for neutralising leaking metallic oxides. At the same time it acts as an efficient CTE buffer between porcelain and metal alloy.

Strong bonding – uncomplicated handling: Crea Alloy Bond is a ready-to-use paste material which, with a bonding strength of approx. **70 MPa**, provides a secure bond between porcelain and metal alloy. Owing to its excellent physical properties, Crea Alloy Bond achieves a **buffer effect**. Thus the bonding agent prevents the dispersion of staining metallic oxides and forms a **micro-fine neutral layer** between metal alloy and porcelain. As a result, it balances out the different coefficients of thermal expansion between metal and porcelain, especially with non-precious metal alloys.

The porcelain bonder is also optically convincing: After firing it has a golden yellow appearance – an aesthetically perfect background for **high and stable colour reliability!**

Crea Alloy Bond – buffer zone between metal and porcelain.



THE BRILLIANCE OF CREA ALLOY BOND:

- Efficient CTE buffer between porcelain and metal alloy
- Safety owing to high flexural strength (70 MPa)
- No marginal discolorations - staining metallic oxides are neutralised
- Greater colour reliability because of the golden yellow undertone
- Compatible with all materials from Creation CC and LF

CREATION CC CREAPAST – covering evenly - evenly tight

Creation CC Creapast provides the dental technician with a modern opaque paste which was developed specially for the tried and tested Creation CC system.

Efficient consumption - uncomplicated handling: The fine-grain opaque paste can be applied very easily with a brush. The ready-to-use, **always homogeneous material** allows very even and thin layer application and is thus extremely **economical in terms of consumption**. Just one condition: the brush should only be slightly moistened.

This can be built on individually:

The Creation CC Creapast range comprises 16 standard shades, four intensive modifiers and three WOP materials for high-gold alloys with a small melting interval – for greater colour reliability in the final restoration.

Creation CC Creapast – because the background is decisive!



THE BRILLIANCE OF CREATION CC CREAPAST:

- Fine-grain opaque paste for a homogeneous surface
- Even consistency - working conditions remain the same
- Minimal layer thickness leaves more space for layering
- Can be perfectly combined with opaque powders
- Can be used for multiple indications with Creation CC, LF and CP L&M

White is the fashion

Pink and white
in perfection



CREATION CC BLEACH SHADES KIT – for pearly-white aesthetics

The special Bleach Shades Kit complements the aesthetically versatile range of Creation CC with high-quality shades beyond the conventional colour palette – and for all indications!

To embrace the current trend towards very light tooth shades, the Creation CC system has been expanded with its own bleach shades. For instance, they allow technicians to fabricate **accurately detailed highlights, perfect shade adaptations** of exceptional metal-ceramic work, which **are outside the usual shade** guide.

The ten-part Creation CC Bleach Shades Kit contains a base porcelain perfectly matched to the metal framework, three dentines, one incisal and one shoulder porcelain and the corresponding fluids. They are, of course, compatible with all the ceramics contained in the Creation CC system – for individual solutions with **impressive colour brilliance**.

Creation CC Bleach Shades Kit – uncompromisingly white.

CREATION CC GINGIVA KIT – creating a beautifully framed smile

Naturally beautiful gingival reproductions can be created with incredible ease by using the new Creation CC Gingiva Kit.

Whether atrophied alveolar ridges or receding gums: With the gingiva-coloured materials in the new user-friendly Gingiva Kit **individually characterised soft** tissue zones and an imperceptible transition from restored tooth to gingiva are no longer a problem.

Seven materials for unlimited possibilities: The six mixable shades purple, dark pink, light pink, flamingo, rose and dark pink opaque as well as the neutral material for individual gradation make it possible to reproduce poorly perfused areas just as well as a large vestibular fornix or small labial fraenum.

Creation CC Gingiva Kit – for natural gingival reproductions.

THE BRILLIANCE OF THE CREATION CC BLEACH SHADES KIT:

- Highest aesthetics thanks to true-to-nature light dynamics
- High colour accuracy and colour fidelity thanks to high-quality materials
- Ease of handling thanks to integrated shade and build-up system
- Compatible with all Creation CC materials

THE BRILLIANCE OF THE CREATION CC GINGIVA KIT:

- High-quality gingival shades for perfect pink aesthetics
- Compatible with all porcelains from the Creation CC range
- Brilliant colour effect owing to non-porous microstructure
- Comfortable handling thanks to integrated build-up system

The added moisture boost!



MOISTURING FLUID – no more drying out when layering

Long-lasting moisture for all ceramics: the new Moisturing Fluid from Creation is used for extensive restorations and complex correction firings as a **moisturising medium for the applied ceramic**.

The chemical composition of the universal Moisturing Fluid has been adjusted so that it can be used for all ceramic systems from Creation. It is used in addition to the particular modelling fluid being used in order to **lengthen the working time** of mixed layering ceramics. The ceramic already applied to the frame will not dry out as quickly, becomes more plastic and can therefore be applied more specifically – for **more efficiency and precision** when layering!

Control moisture level – longer modelling time!

THE BRILLIANCE OF MOISTURING FLUID:

- No more drying out, the ceramics remain consistently modellable
- Efficient and simple: one Moisturing Fluid for all ceramics!
- Longer working time for mixed materials – especially for sizeable work
- Targeted application due to controllable moisture content

Accurate measuring,
perfect fixation



LIQUID FIRING PAD – dimensionally stable and secure

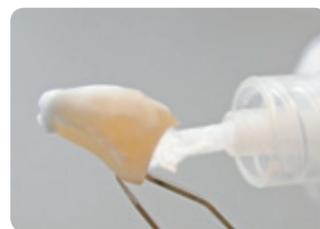
The new liquid firing pad for all Creation systems precisely fixes the object on the fireproof tray. This is because the unique liquid support material hardens completely during the firing process.

It is easy to use, the result is simply impressive: The novel firing pad is **applied straight from the syringe into the crown** or applied onto the pressed ceramic object, then carefully placed on the pin of the firing tray.

In the ceramic furnace, the special material completely hardens and thereby stabilises the dental technician's work during the firing process – **a secure stand** including for inlays, onlays, crowns and veneers.

Tough yet **easy to remove**: After firing, the hardened paste can be quickly and completely removed under running water by using an instrument.

Liquid firing pad – stable hold from a syringe.



THE BRILLIANCE OF THE LIQUID FIRING PAD:

- Stable hold on the firing tray
- Easy to handle because of proven dispenser design
- Safe because of firing stability and optimum heat/warmth build-up onto the object
- Economical because of precise measuring
- Can be used for all Creation systems

WILLI GELLER
Creation
SIMPLY BRILLIANT



Thomas Sing, MDT

Creation CC

Metal-ceramic in perfection



CREATION CC TRANSITION DENTINE – higher translucency gives deep insight

The Transition Dentines are special ceramics for Creation CC and Creation CP, whose translucency ensures a gentle transition between dentine and incisal materials – in both anterior and posterior restorations.

Natural aesthetics from the depths: the complementary Transition Dentines can be used either directly by applying the standard layering technique or as a smooth transitional layer between conventional dentine and incisal ceramics or between pressed dentine cores made of Creation CP and incisal/transparent materials. When using the veneer, inlay and onlay technique, they also ensure a harmonious colour gradient between natural tooth and restoration.

Simple and efficient: The Transition Dentines from Creation have excellent homogeneity and provide high and stable shade reliability – for a perfect chameleon effect with depth. The high-quality Transition Dentines, available in one bleach and 16 standard shades, are supplied in individual 20 gram and 50 gram bottles and also as a range in all the shades.

Transition Dentines – because naturalness comes from depth!

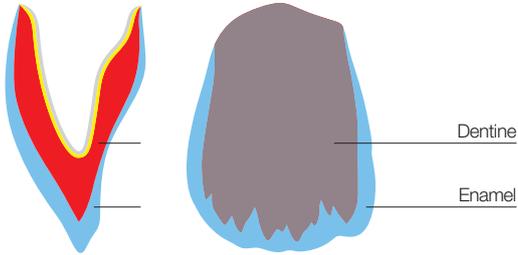
THE BRILLIANCE OF TRANSITION DENTINES:

- Special materials for a natural colour gradient between dentine and incisal
- Can be used as a dentine layer in the standard layering technique (Creation Smart)
- Compatible with all ceramics in the Creation CC and CP range
- Easy to handle because of high stability during modelling
- Natural depth effect thanks to increased translucency
- Cost-effective working thanks to simplified layering approach

Application diagram

anterior

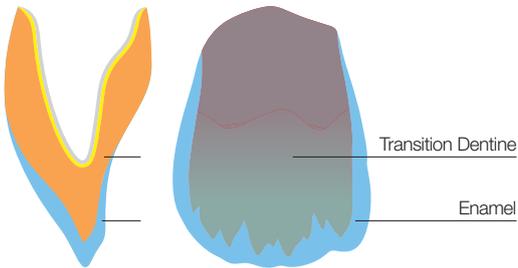
posterior



Layering technique

Creation Classic

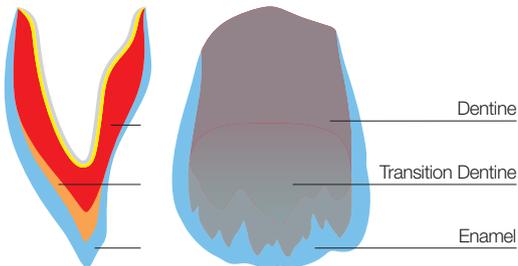
(Dentine)



Layering technique

Creation Smart

(Transition Dentine)



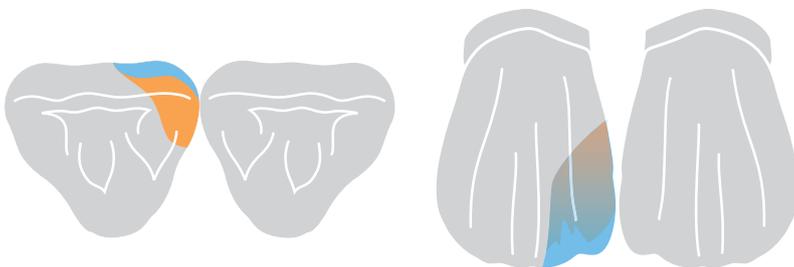
Layering technique

Creation Professional

(combination: Dentine and Transition Dentine)

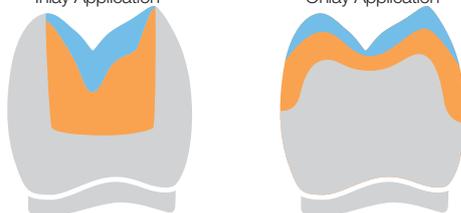
Veneer Application – incisal

Veneer Application – labial



Inlay Application

Onlay Application



- Dentine
- Transition Dentine
- Enamel

2 in 1 for everything:
more brilliance with individual colour effects!



CREACOLOR – stains and modifiers for all ceramics

The new CreaColor is a complete **“two in one” colour system** which can be used to place individual colour nuances simply and efficiently **for all ceramic surfaces and materials** – whether by the internal or external staining technique.

The physical properties of the **high-quality stains and modifiers** are so perfectly matched to the ceramic surfaces and materials that they can be worked universally with all layering and pressed ceramics, pressed or fired dentine cores as well as zirconium dioxide frames – after all, **colour creativity should be unlimited!** Furthermore, the new stains are extremely fine-grained and fluorescent and they can readily be mixed with each other.

Colour brilliance in two versions: The new CreaColor system was developed in collaboration with Sascha Hein (Oral Designer, Perth, Australia) on the basis of many years of success with **Creation Make up Neo** ceramic stains and the **In Nova Neo** modifiers. It is made up of two components:

- CreaColor Make up Neo
- CreaColor In Nova Neo

THE BRILLIANCE OF CREACOLOR:

- **Utmost colour brilliance for internal and external colouring**
- **Versatile and efficient: one system for all ceramics!**
- **High colour accuracy and fidelity thanks to high-quality materials**
- **Natural colour effect due to very high fluorescence values**
- **Easy to handle: can be mixed together and can be corrected**

MAKE UP NEO – intensive colour character, efficient to use

Perfectly mixed, coloured and corrected: the universally usable stains range Make up Neo from the new CreaColor System is an **ideal “ceramics make-up case”** for internal and external colouring, but also for admixing to layering ceramics and for characterising zirconium dioxide.

The 17 ceramic stains are available in **ready-to-use paste form** and display a very even consistency or a very fine degree of staining – for thin layer application and a homogeneous ceramic surface.

Place colour nuances – naturally beautiful and simple: the 13 paste ceramic glazes have **very high fluorescence and colour intensity** while the four dentine-coloured glazes provide excellent cover and are ideal for colour corrections and for staining pressed ceramic. **Very effective nuances** can be placed with the three effect stains – for more in-depth individualisation!

Contents:

- 13 stains (MN-F1 to MN-F13) – fluorescent, glazing ceramic stains
- 4 shades (MN-FA to MN-FD) – dentine shades in the four Vita® shade groupings for colour corrections and for staining press ingots
- 1 fluorescent glaze (GL-F)
- 1 stain fluid
- 1 stain reconditioner for refreshing dried out ceramic stains

Indications:

- Internal staining of pressed or fired dentine cores
- External staining of all pressed ceramics
- External staining of all layered ceramics
- Admixing for intensifying or individualising layered ceramic
- Characterising zirconium dioxide (with the aid of Frame Shade FS NT)

Make up Neo universal and individual – down to the smallest detail!

Constructive arguments for metal-to-ceramic alloys



IN NOVA NEO – naturally coloured light dynamics and fluorescence

Strong colours for admixing and staining: CreaColor In Nova Neo is a modern universal modifier which is used with all ceramic ranges. Thus the physically harmonised properties allow **universal modification of all layering ceramics**.

The ten strongly coloured ceramic modifiers can be used to achieve **natural fluorescence effects** and impressively contribute towards harmonious colour reproduction – without any loss of brightness. The exclusive modifiers are **extremely economical and versatile** and are used for staining ceramic materials – hence they must not be applied to ceramic surfaces! At the same time they serve to stain zirconium dioxide frames **for tooth-coloured shading and for characterising** the white or pre-stained zirconium dioxide surface.

Interesting colour add-ons in the range: the **Crackliner** for reproduction of three-dimensional enamel cracks and **Illusion** for simulating depth effect or for reducing brightness.

Contents:

- 10 modifiers – for staining all layering ceramics
- 2 effect shades (Crackliner and Illusion) – for individual nuances

Indications:

- Admixing for intensifying or individualising layered ceramic
- Staining zirconium dioxide frames for tooth-coloured shading and for characterising the white or pre-stained zirconium dioxide surface
- Imitation of depth effect and simulation of three-dimensional cracks

The colour “icing on the cake” for frame and ceramic:
In Nova Neo!



CREATION LF – low fusion point, but highest quality

Versatile and multi-layered: The Creation LF system is ideally suited to veneering all bio- and gold cast alloys in the conventional CTE range. The low-fusing metal ceramic is also an excellent choice as a layering material for the modern pressed ceramics from Creation (Creation CP, CP L&M and Creation Press & Paint on Metal) – for **more added value in the laboratory**. In addition, the easy-to-process ceramic materials can be used as an add-on material for the Creation CC system.

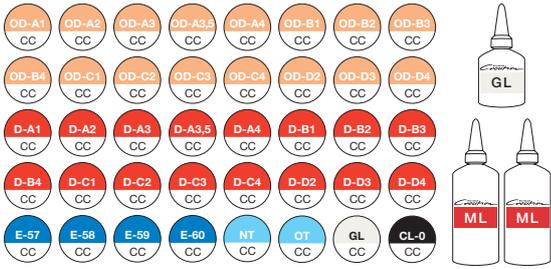
Creation LF impresses not only with its versatile range of indications but also its **extremely natural colour brilliance**. The range is perfectly complemented by the unique CreaColor stains and modifier.

Creation LF – even more impact in LF metal-ceramic.

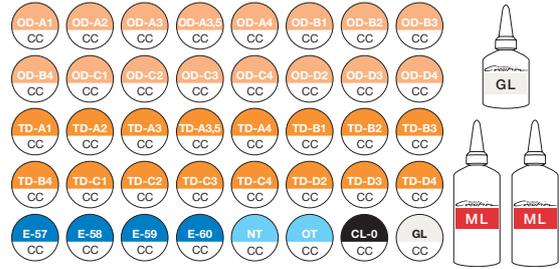
THE BRILLIANCE OF CREATION LF:

- Low firing temperature (770°C) for yellow metal-to-ceramic alloys
- Reliability due to high flexural strength
- Natural abrasion characteristics
- Efficient working due to ease of grinding and polishing
- More brilliance due to individual colour effects with the CreaColor system

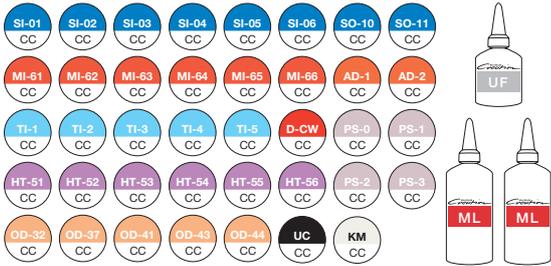
CREATION CC - ASSORTMENT



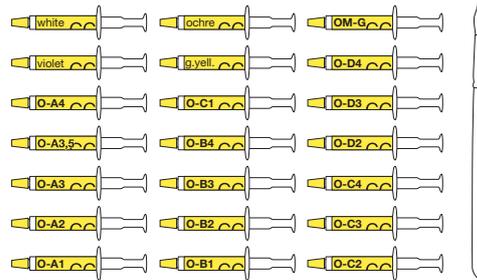
CC Kit 1 | 000804
Basic porcelains kit (Dentine, Incisal)



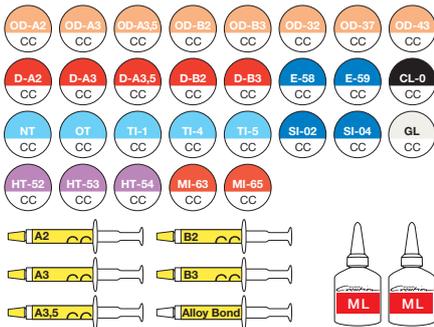
CC Transition Dentine Kit | 000801
Basic porcelains kit (Transition Dentine, Incisal)



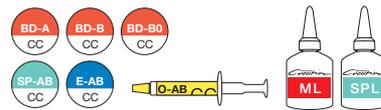
CC Kit 2 | 001508
Effect porcelains kit



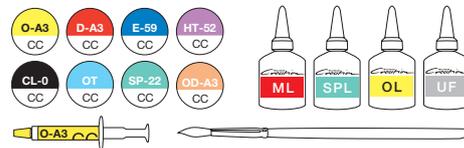
CC Creapast Kit | 000300
Complete Opaque Pastes with Modifiers



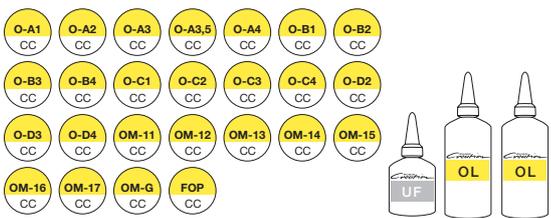
CC Starter Kit | 000915
Introductory kit with most important tooth shades



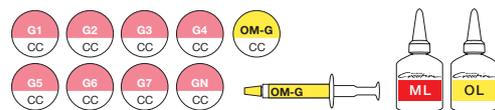
CC Bleach Shades Kit | 000250 – Complete bleach shades



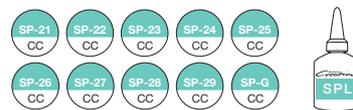
CC Primus Kit | 000051 – Test kit for a selectable tooth shade



CC Opaque Kit | 000800
Complete Opaque Powders with Modifiers



CC Gingiva Kit | 001590 – Gingiva coloured porcelains

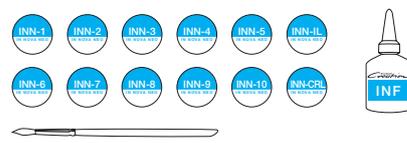


CC Shoulder Kit | 001503 – Complete shoulder porcelains

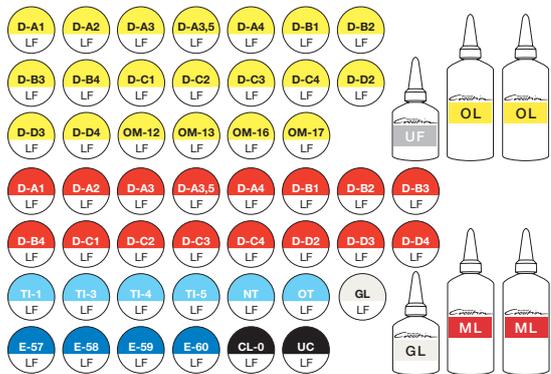
CREACOLOR - ASSORTMENT



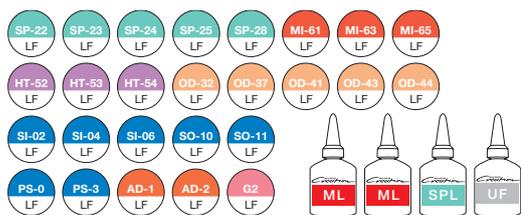
CreaColor Kit | 001200
2 in 1 for everything: more brilliance with individual colour effects



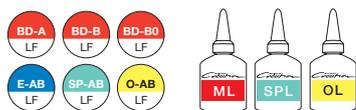
CREATION LF - ASSORTMENT



LF Kit 1 | 303010
Basic porcelains kit (Dentine, Incisal)



LF Kit 2 | 303015
Effect porcelains kit



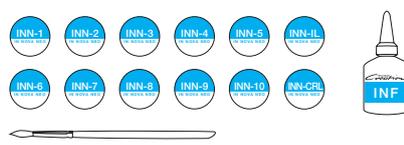
LF Bleach Shades Kit | 302050 – Complete bleach shades



LF Primus Kit | 303025 – Test kit for a selectable tooth shade



Make up Neo Kit | 001100
Glazing and fluorescent stains



In Nova Neo Kit | 001150
All-purpose modifier

CREATION CC COLOR CHART

A1	A2	A3	A3,5	A4	B1	B2	B3	B4	C1	C2	C3	C4	D2	D3	D4
OPAQUE DENTINE															
A1	A2	A3	A3,5	A4	B1	B2	B3	B4	C1	C2	C3	C4	D2	D3	D4
DENTINE															
TD-A1	TD-A2	TD-A3	TD-3,5	TD-A4	TD-B1	TD-B2	TD-B3	TD-B4	TD-C1	TD-C2	TD-C3	TD-C4	TD-D2	TD-D3	TD-D4
TRANSITION DENTINE															
57	58	59	60		CL-O clear	UC window		NT neutral	OT opal	TI-01 blue	TI-02 white	TI-03 pink	TI-04 yellow	TI-05 grey	
ENAMEL				CLEAR				TRANSPA							
SI-01 light yellow	SI-02 medium yellow	SI-03 heavy yellow	SI-04 light orange	SI-05 medium orange	SI-06 heavy orange	SO-10 blue	SO-11 orange		PS-0 white	PS-1 blue/w.	PS-2 flamingo	PS-3 orange			
EFFECT ENAMEL								PEARL ENAMEL							
HT-51 iridescent	HT-52 khaki	HT-53 sand	HT-54 honey	HT-55 borde.	HT-56 ocher	SP-21 neutral	SP-22 flamingo	SP-23 sand	SP-24 gold	SP-25 red brown	SP-26 yellow gold	SP-27 ivory	SP-28 opaque yellow	SP-29 honey	SP-G gingival
NECK TRANSPA HIGH FLUORESCENT						SHOULDER POWDERS HIGH FLUORESCENT									
MI-61 ivory	MI-62 lemon	MI-63 honey yellow	MI-64 flamingo	MI-65 gold	MI-66 olive		AD-1 light yellow	AD-2 orange							
MAKE IN HIGH FLUORESCENT INTERNAL POWDER							APPROXIMAL DENTINE								
G1 purple	G2 dark pink	G3 light pink	G4 flamingo	G5 rose	G6 dark pink opaque	G7 violet	G-N neutral		OD-32 havanna	OD-37 curry	OD-41 orange	OD-43 ivory	OD-44 cuba		
GINGIVAL								OPAQUE DENTINE							
O-AB		BD-A	BD-B	BD-BO		TD-BA		S-AB		SP-AB		KM			
BLEACH OPAQUE		BLEACH DENTINE			TRANSITION D			BLEACH EN.		BLEACH SHOULDER		CORRECTION POWDER			

CREACOLOR COLOR CHART

	MUN-F1 white	MUN-F2 eggshell	MUN-F3 lem. yellow	MUN-F4 mandarine	MUN-F5 flamingo	MUN-F6 apricot	MUN-F7 light brown	MUN-F8 med. brown	MUN-F9 olive	MUN-F10 red		
MAKE UP NEO ▶												
	MUN-F11 blue	MUN-F12 grey	MUN-F13 deep blue	MUN-FA stain A	MUN-FB stain B	MUN-FC stain C	MUN-FD stain D	MUN-GL-F Glaze				
IN NOVA NEO ▼												
	INN-1 melone	INN-2 rose	INN-3 yellow	INN-4 r. brown	INN-5 brown	INN-6 olive	INN-7 grey	INN-8 blue	INN-9 white	INN-10 mais	INN-CRL Crackliner	INN-IL Illusion

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Creation CC – Physical Properties			
Property	Measure	Value	Norm
Dentine Firing	°C	920	-
Flexural Strength	MPa (Nmm ²)	84	Min. 50
Thermal Coefficient	10 ⁻⁶ ×K ⁻¹	13,3 ± 0,3	-
Glass transition Temperature	°C	580 ± 10	-

Creation LF – Physical Properties			
Property	Measure	Value	Norm
Dentine Firing	°C	770	-
Flexural Strength	MPa (Nmm ²)	80	Min. 50
Thermal Coefficient	10 ⁻⁶ ×K ⁻¹	11,4 ± 0,3	-
Glass Transition Temperature	°C	510 ± 10	-

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