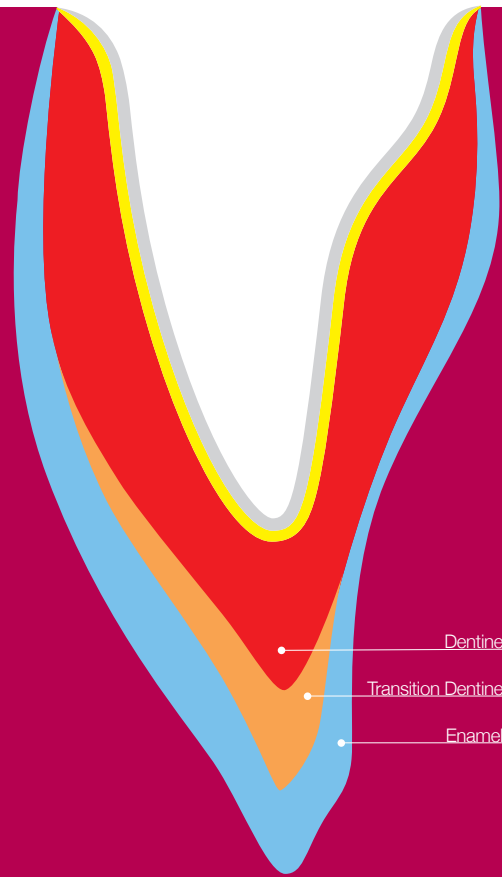


WILLI GELLER
Creation

CC | CP
Transition Dentines:
less opacity –
more depth effect



Metal-ceramic in perfection



CREATION CC / CP

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

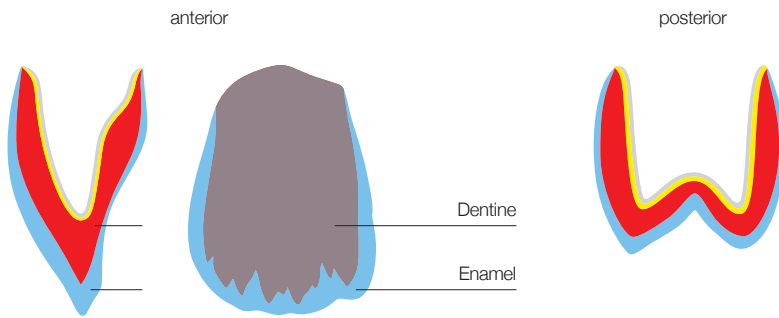


CC Kit 1 - 000801 Basic porcelains kit (Transition Dentine, Incisal)

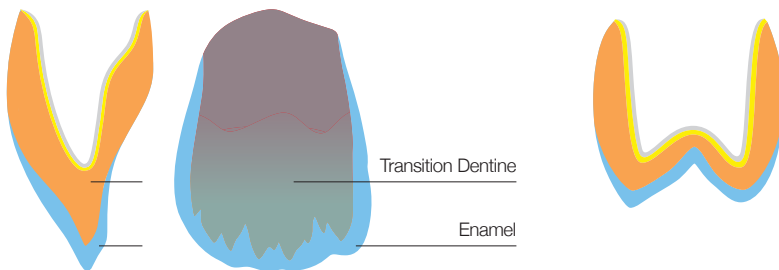
Creation CC – Physical Properties			
Property	Measure	Value	Norm
Dentine Firing	°C	920	-
Flexural Strength	MPa (Nmm ²)	84	Min. 50
Thermal Coefficient	10 ⁻⁶ ×K ⁻¹	13,3 ± 0,3	-
Glass transition Temperature	°C	580 ± 10	-

Creation CP – Physical Properties			
Property	Measure	Value	Norm
Flexural Strength	MPa (Nmm ²)	110	Min. 50
Thermal Coefficient	10 ⁻⁶ ×K ⁻¹	13,5 ± 0,3	-
Glass Transition Temperature	°C	635 ± 10	-

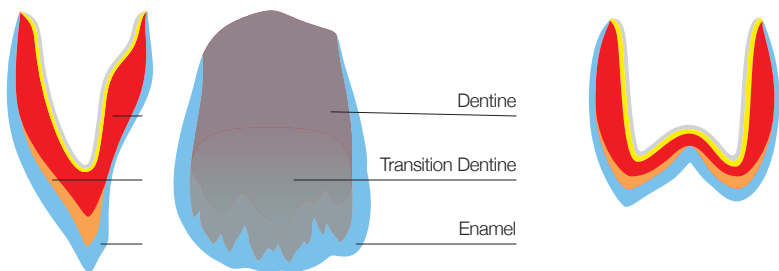
Application diagram



Layering technique
Creation Classic
(with Dentine)



Layering technique
Creation Smart
(with Transition Dentine)



Layering technique
Creation Professional
(combination: Dentine and Transition Dentine)

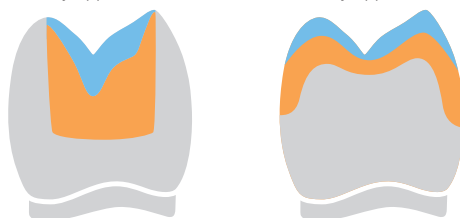
Veneer Application – incisal

Veneer Application – labial



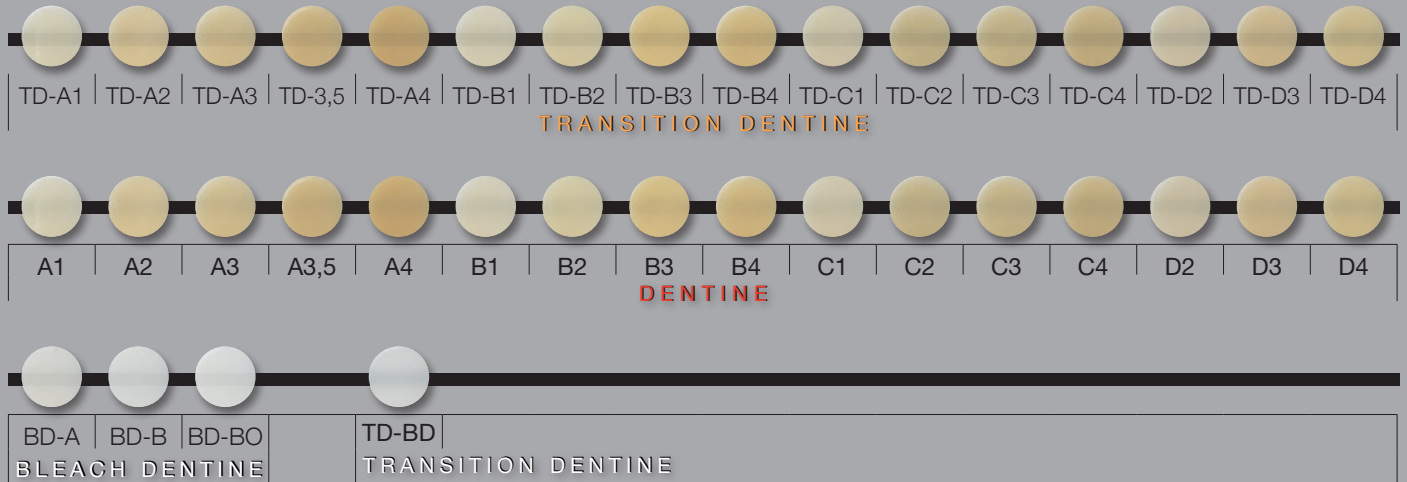
Inlay Application

Onlay Application



- Dentine
- Transition Dentine
- Enamel

CC COLOR CHART - Transition Dentine



FIRING CHART

	Preheating Temp.	Drying Time	Raise of Temp.	V	Final Temp.	Holding Time	Appearance
Oxid Firing	According to alloy manufacturer's instructions						
Crea Alloy Bond	550 °C	6 min.	80 °C/min.	+	980 °C	1 min.	Yellowish, slightly shining**
1 st Opaquer Firing							
- WOP Opaker	550 °C	6 min.	80 °C/min.	+	950 °C	1 min.	Slightly shining
- Creapast*	550 °C	6 min.	80 °C/min.	+	980 °C	1 min.	
- Opaque Powder*	600 °C	2 min.	80 °C/min.	+	980 °C	1 min.	
2 nd Opaquer Firing							
- Creapast	550 °C	6 min.	80 °C/min.	+	950 °C	1 min.	Eggshell finish
- Opaque Powder	600 °C	2 min.	80 °C/min.	+	950 °C	1 min.	
1 st and 1 st Shoulder Firing	600 °C	2 min.	80 °C/min.	+	950 °C	1 min.	Slightly shining
Dentine Firing	580 °C	6 min.	55 °C/min.	+	920 °C	1 min.	
2 nd Dentine Firing	580 °C	4 min.	55 °C/min.	+	910 °C	1 min.	Shining
Glaze Firing	600 °C	2 min.	55 °C/min.	-	930 °C	-	
Glaze Firing with Glaze Powder CC	600 °C	2 min.	55 °C/min.	-	900 °C	1 min.	
Glaze- and Shade Firing (Creation CC Make Up Instant)	480 °C	2 min.	45 °C/min.	-	850 °C	1 min.	
Correction Powder Firing	450 °C	6 min.	45 °C/min.	+	770 °C	1 min.	

* When using non-precious alloys: final temperature 1.000°C.

** The appearance of the bonder can differ, depending on the alloy composition.

The firing parameters given above are guidelines, which must always be adjusted to suit the furnace used and the situation of the furnace. What is essential is getting the right firing result.

YOUR LOCAL DEALER

Distributor

Creation Willi Geller International GmbH

Koblacherstraße 3, 6812 Meiningen, Austria

Tel. +43 (0)5522 76784, Fax. +43 (0)5522 73699

info@creation-willigeller.com, www.creation-willigeller.com

Manufacturer

KLEMA Dentalprodukte GmbH

Koblacherstr. 3a, 6812 Meiningen, Austria

