



K2 zirkon





K2 zirkon

K2 zirkon + K2 MyStains Malfarben & Structure



K2 zirkon

K2 zirkon is a brilliant veneering ceramic with a high feldspar content. As the colour and layering system is the same for all K2 materials, it is easy and efficient to use across all systems. The natural aesthetics of this ceramic are enhanced by modern fluorising ceramic materials, which ensure optimum colour rendering. K2 zirkon has high stability, which makes layering quick and easy. The excellent CTE matching also gives you the certainty of always achieving the best results.





K2 zirkon

K2 Zirkon

K2 Zirkon																	
Frame Liner Art. 370-20..	20g	FL-1 dentin ..01					FL-2 bleach ..02					FL-3 gingiva ..03					
Shoulder Art. 372-20..	20g	SH-1 ..01 transpa- white		SH-2 ..02 transpa- cream		SH-4 ..04 transpa- yellow		SH-6 ..06 transpa- sahara		SH-8 ..08 opaque - ivory		SH-9 ..09 opaque - honey		SH-10 ..10 opaque - sand			
Dentine Art. 373-20..	50g	A1 ..01	A2 ..02	A3 ..03	A3,5 ..04	A4 ..05	B1 ..06	B2 ..07	B3 ..08	B4 ..09	C1 ..10	C2 ..11	C3 ..12	C4 ..13	D2 ..14	D3 ..15	D4 ..16
Dentine Art. 373-20..	50g	FD Fluor Dentin Intense ..17					G1 gingiva light ..18		G2 gingiva dark ..19		D-BL1 ..20		D-BL2 ..21		D-BL3 ..22		
Chroma Art. 374-20..	20g	CH A ..01				CH B ..02			CH C ..03				CH D ..04				
Opaque dentine Art. 375-20..	20g	OD-W Modifier white ..01								OD-G Modifier gold ..02							
Enamel Art. 376-20..	50g	E 57 ..01			E 58 ..02		E 59 ..03			E 60 ..04			E-BL ..05				
Enamel opal Art. 377-20..	20g	EO 57 ..01			EO 58 ..02			EO 59 ..03			EO 60 ..04						
Enamel intensive Art. 378-20..	20g	EI T1 ..01			EI T2 ..02			EI O3 ..03			EI O4 ..04						
Transpa Art. 379-20..	20g	TN (normal) ..01			TO (opal) ..02			T1 (blue) ..03			T2 (light yellow) ..04			T3 (orange) ..05			
Clear Art. 379-20..	20g	CL Clear ..01								CL -F ClearFluor ..02							
Mamelon Art. 382-20..	20g	MM 1 ivory ..01					MM 2 orange ..02					MM 3 honey ..03					
Correction Powder Art. 382-20..	20g	COR ..00															
K2 MyStains Glaze Powder Art. 388-01..	10g	GL ..00								GL-F (fluorescent) ..01							
K2 Zirkon Liquid	50ml 250ml	ML Modellier Liquid Art. 384-0050 Art. 384-0250					SHL Shoulder Liquid Art. 385-0050					K2 MyStains: GL Glaze Standard Liquid Art. 388-0150					

K2 Glaze paste Art. 336-00..	GL - universal 5g ..10	GL-F uni-fluorisierend 4g ..20
K2 MyStains Liquid Art.	GL - Glaze Standard Liquid 388-0150, 50ml 388-0250, 250ml	LL Colors-Structure Liquid 388-1150, 50ml 388-1250, 250ml



Only 1 glaze firing for fully anatomical restorations and press ceramics.

Ready-mixed for immediate processing. Can be diluted with Glaze Standard Liquid GL or Colors-Structure Liquid LL. Depending on the desired consistency, more liquid with GL and more paste-like with LL.

Shade	A1	A2	A3	A3,5	A4	B1	B2	B3	B4	C1	C2	C3	C4	D2	D3	D4
Frame Liner	FL-1															
Dentine	A1	A2	A3	A3,5	A4	B1	B2	B3	B4	C1	C2	C3	C4	D2	D3	D4
Enamel	E58	E58	E59	E59	E60	E57	E59	E59	E59	E60	E59	E59	E60	E60	E59	E59



K2 zirkon

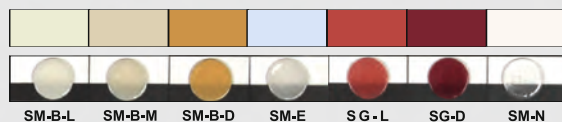
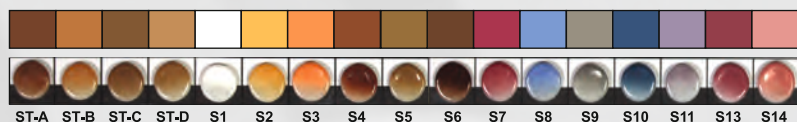
Firing instruction "Standard Zirkon"

	Preheating Temp.	Drying time	Raise of Temp	Vacuum	Final Temp.	Holding Time	Appearance
Liner firing (Frame Modifier)	450°C 842°F	4 min	55°C / min 131°F / min	+	800°C 1472°F	1 min	slightly shiny
1st and 2nd Shoulder Firing	450°C 842°F	4 min	45°C / min 113°F / min	+	860°C 1580°F	1 min	slightly shiny
1. Dentin firing	450°C 842°F	6 min	45°C / min 113°F / min	+	820°C 1508°F	1 min	shiny
2. Dentin firing	450°C 842°F	6 min	45°C / min 113°F / min	+	810°C 1490°F	1 min	shiny
Glaze firing	480°C 896°F	4 min	45°C / min 113°F / min	-	820°C 1508°F	1 min	shiny
Glaze firing with Glaze powder	480°C 896°F	4 min	45°C / min 113°F / min	+	790°C - 810°C 1454°F - 1490°F	1 min	shiny
Correction powder firing	450°C 842°F	4 min	45°C / min 113°F / min	+	700°C 1292°F	1 min	shiny

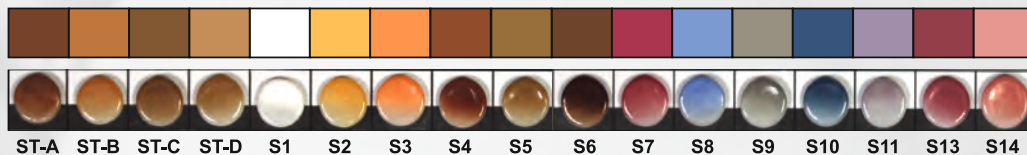
Firing Parameters are Guidelines and need to be adjusted to the situation of the furnace ! The right firing result is important ! The furnace has to be calibrated and a cleaning firing by max. Temperatur without Vacuum/ 5 Minutes has to be done !

Physical properties

Properties	Measure	Value	Norm
Coefficient of Thermal Expansion (25-500°)	10⁻⁶ xK⁻¹	9,5	-
Glass Transition Temperature	°C	555 ± 10	-
Solubility	µm/cm2	16	Max. 100
Flexural Strength	MPa	90	Min. 50
Median Grain Size	D 90%	60	-

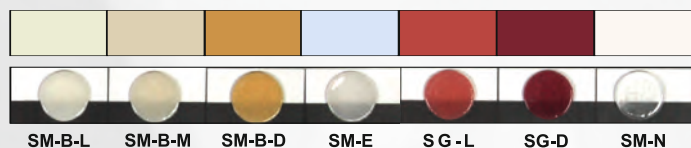


K2 MyStain stains + K2 MyStain Structure



K2 MyStains stains

Art.:	K2 MyStains ...	Art.:	K2 MyStains ...
388-0001	... ST-A, 2 g	388-0016	... ST-S6, darkbrown, 2 g
388-0002	... ST-B, 2 g	388-0017	... ST-S7, brickred, 2 g
388-0003	... ST-C, 2 g	388-0018	... ST-S8, skyblue, 2 g
388-0004	... ST-D, 2 g	388-0019	... ST-S9, grey, 2 g
388-0011	... ST-S1, white, 2 g	388-0020	... ST-S10, royalblue, 2 g
388-0012	... ST-S2, honey, 2 g	388-0022	... ST-S11, illusion violet, 2 g
388-0013	... ST-S3, orange, 2 g	388-0023	... ST-S13, uni red, 2 g
388-0014	... ST-S4, beige, 2 g	388-0024	... ST-S14, uni gingiva, 2 g
388-0015	... ST-S5, caramel, 2 g		



K2 MyStains Structure

Art.:	K2 MyStains ...
388-0108	... Structure Body light, SM-B-L, 2 g
388-0109	... Structure Body medium, SM-B-M, 2 g
388-0110	... Structure Body dark, SM-B-D, 2 g
388-0111	... Structure Enamel SM-E, 2 g
388-0112	... Structure Gingiva light SG-L, 2 g
388-0113	... Structure Gingiva dark SG-D, 2 g
388-0114	... Structure neutral SM-N, 2 g
388-0100	... Glaze Powder, GL, 10g
388-0101	... Glaze Powder, GL-F (fluorescent), 10g
388-0150	... Glaze Standard Liquid GL, 50 ml
388-1150	... Colors-Structure Liquid LL, 50 ml



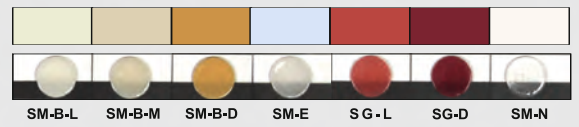
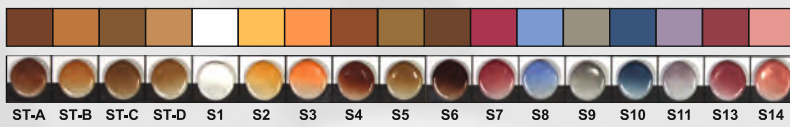
K2 MyStains Glaze

Art.:	K2 MyStains ...
388-0100	... Glaze Powder, GL, 10g
388-0101	... Glaze Powder, GL-F (fluorescent), 10g

K2 MyStains Liquid

Art.:	K2 MyStains ...
388-0150	... Glaze Standard Liquid GL, 50 ml
388-0250	... Glaze Standard Liquid GL, 250 ml
388-1150	... Colors-Structure Liquid LL, 50 ml
388-1250	... Colors-Structure Liquid LL, 250 ml





K2 MyStain stains + K2 MyStain Structure

K2 MyStains stains

With the new K2 MyStains stains, the ceramics can be painted, tinted and individualized very well. If mixed with the appropriate Structure Liquid, the colors "stand" very well and the desired effect remains as it was applied.

K2 MyStains Structure

can be used after stain firing. To individualize the surface structure, up to 0.5 mm of texture compound can be applied, but only in non-functional areas.

However, it is possible to apply small contact points.

Note:

- Structure materials should be mixed on a glass or ceramic mixing tray, so that no liquid can be sucked in.
- The compounds and the liquid should be mixed with an agate or glass spatula.
- All K2 MyStains may only be mixed with the corresponding liquid.
The use of water is urgently prohibited!

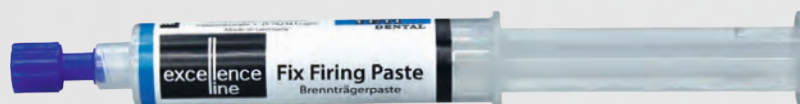
Use:

The **K2 MyStain stains** are suitable for monolithic restorations and all restorations corresponding to the CTE value, low-fusing or high-fusing ceramic veneers.

The **structural materials** may only be used for zirconium and lithium disilicate.

recommended:

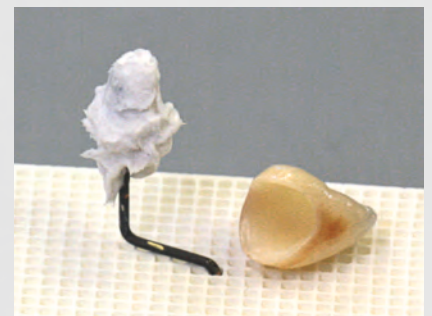
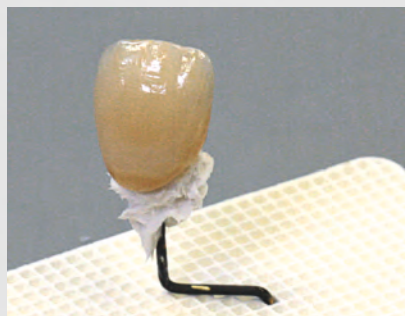
Caramista V - Modeling brushes for ceramics

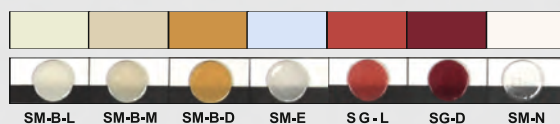


Fix firing paste, firing carrier paste

After ceramic firing Restorations simply lift it off the firing cotton stump.

- easy to remove
- no blasting or scraping out necessary





Firing table for K2 MyStains Structure on zirconium dioxide							
Preheating	Drying time	Closing time	Climb rate	Vacuum	Firing temperature	Holding time	Long-term cooling
430°C/ 806°F	3 min*	3 min*	40°C/min / 104°F	100%	805°C / 1481°F	1 min	0 - 6 min**
Firing chart for K2 MyStains Structure on lithium disilicate							
430°C/ 806°F	3 min*	3 min*	40°C/min / 104°F	100%	775°C / 1427°F	1 min	0 - 6 min**
* with maximum layer thickness application of 0.5mm, extend to 5min each time							
** for solid restorations up to 6 min long-term cooling							



Caram/sta V