

VITAVM®13 Firing chart

	Pre-drying °C	→ min.	↗ min.	↗ °C/min	Temp. ca. °C	→ min.	VAC min.
Oxidation firing	Follow manufacturer instructions !						
WASH OPAQUE firing	500	2.00	5.12	75	890	2.00	5.12
WASH OPAQUE PASTE firing	500	4.00	5.12	75	890	2.00	5.12
OPAQUE firing	500	2.00	5.12	75	890	1.00	5.12
OPAQUE PASTE firing	500	4.00	5.12	75	890	1.00	5.12
WASH OPAQUE firing with non-precious alloys	500	2.00	5.52	75	940	2.00	5.52
WASH OPAQUE PASTE firing with non-precious alloys	500	4.00	5.52	75	940	2.00	5.52
OPAQUE firing with non-precious alloys	500	2.00	5.36	75	920	1.00	5.36
OPAQUE PASTE firing with non-precious alloys	500	4.00	5.36	75	920	1.00	5.36
MARGIN firing	500	6.00	7.05	55	890	2.00	7.05
EFFECT LINER firing	500	6.00	7.05	55	890	1.00	7.05
1. dentine firing	500	6.00	6.55	55	880	1.00	6.55
2. dentine firing	500	6.00	6.44	55	870	1.00	6.44
Glaze firing	500	0.00	4.45	80	880	2.00	-
Glaze firing VITA AKZENT Plus	500	4.00	4.45	80	880	1.00	-
Correction firing with CORRECTIVE	500	4.00	6.00	50	800	1.00	6.00

When using dental ceramics, the firing result largely depends on the individual firing procedure of the user, i.e. among other aspects on the type of furnace, the location of the temperature sensor, the firing tray as well as the size of the workpiece during the firing cycles. Our application-technical recommendations (regardless whether they have been provided orally, in writing or in the form of practical instructions) are based on numerous own experiences and tests. The user, however, should consider this information only to provide basic values. If surface, transparency and degree of gloss should not correspond to the firing result that is achieved under optimal conditions, the firing procedure must be adjusted correspondingly. The crucial factors for the firing procedure are not the firing temperature displayed by the furnace but the appearance and the surface condition of the firing object after the firing process.

VITA shade, VITA made.

VITA