

VITA TITANIUM PORCELAIN Firing chart

	Progr. No.	Vt. °C	→ min.	↗ min.	↗ °C/min	Temp. °C	→ min.	↘ °C	→ min.	VAC min.
Paste bonder firing	38	400	6.00	6.00	67	800	1.00	-	-	7.00
Powder bonder firing	39	400	2.00	6.00	67	800	1.00	-	-	7.00
OPAQUE firing	40	400	2.00	4.00	98	790	1.00	400*	0.00	5.00
Shoulder firing	41	400	6.00	7.00	53	770	1.00	400*	0.00	8.00
Stains firing	45	400	4.00	3.00	100	700	1.00	400*	0.00	-
1 st dentine firing	42	400	6.00	7.00	53	770	1.00	400*	0.00	8.00
2 nd dentine firing	43	400	6.00	7.00	53	770	1.00	400*	0.00	8.00
Glaze firing	44	400	0.00	4.00	93	770	1.00	400*	0.00	5.00
Glaze firing with VITA AKZENT Plus	46	400	4.00	4.00	93	770	1.00	400*	0.00	5.00

From the opaque firing on all firing temperatures should operate under full vacuum (incl. holding time).

* Particularly in the case of large restorations slow cooling is recommended down to 400 °C:

In the case of dental ceramics the end result of firing depends to a great extent on how the individual user carries out the firing, i.e. on the type of furnace, the position of the temperature sensor and the firing supports as well as the size of the metal-ceramic construction to be fired.

Our user recommendations for firing temperatures (regardless of whether these are given orally, in writing or by means of practical demonstration) are based on our own wide experience and on many tests. Nevertheless, this information can only be seen as a guideline for the user. Should the surface structure, the transparency or the degree of lustre not correspond to the desired result despite optimum conditions, the firing cycle must be adjusted accordingly. The decisive factor for the firing procedure is not the firing temperature displayed by the furnace, but the appearance and surface quality of the restoration after firing.

VITA shade, VITA made.

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Paste bonder firing	400	6.00	6.00	67	800	1.00	-	-	7.00
Powder bonder firing	400	2.00	6.00	67	800	1.00	-	-	7.00
Opaque firing	400	2.00	4.00	98	790	1.00	400*	0.00	5.00
Shoulder firing	400	6.00	7.00	53	770	1.00	400*	0.00	8.00
Stains firing	400	4.00	3.00	100	700	1.00	400*	0.00	-
1 st dentine firing	400	6.00	7.00	53	770	1.00	400*	0.00	8.00
2 nd dentine firing	400	6.00	7.00	53	770	1.00	400*	0.00	8.00
Glaze firing	400	0.00	4.00	93	770	1.00	400*	0.00	5.00
Glaze firing with VITA AKZENT Plus	400	4.00	4.00	93	770	1.00	400*	0.00	5.00

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