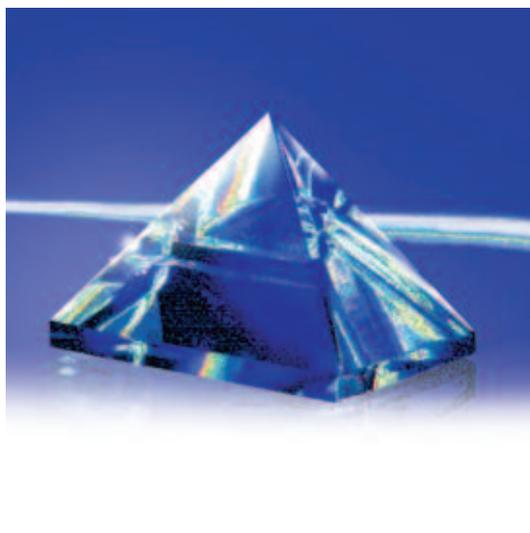


VITA AKZENT[®]

for natural surface colour effects



VITA shade, VITA made.

VITA



VITA AKZENT stands for a concept which replaces the previous generation of stains and thus enables the dental technician to achieve even more natural results when finishing restorations. An exceedingly lifelike 3-D effect can be created with the VITA AKZENT stains. By adding accentuating surface highlights it is possible to obtain an even more perfect match of the restoration to the adjacent natural teeth.





**Characterisations which
belong to the individual
appearance of natural teeth.**

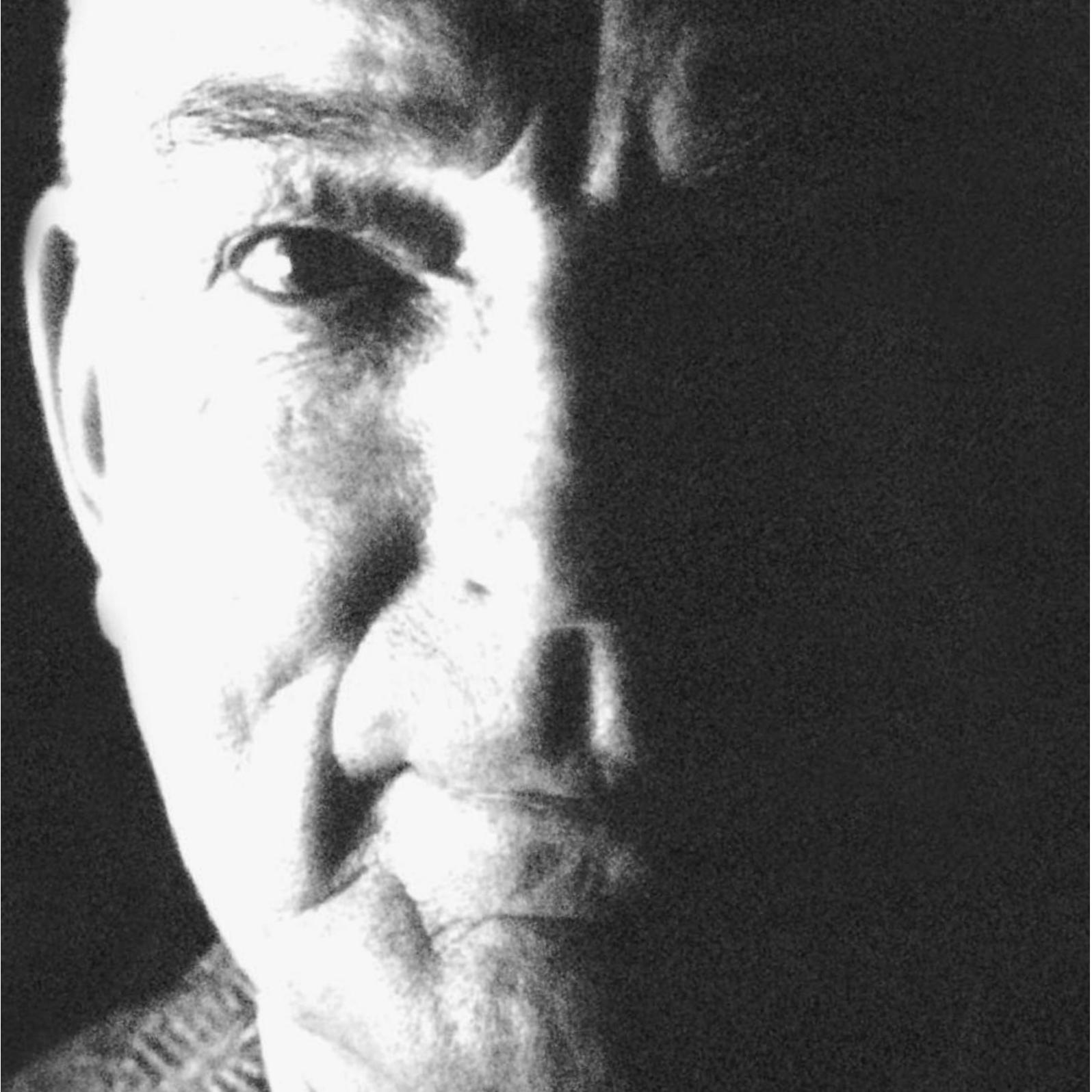




**Strong staining and discoloration -
such as may be experienced by smokers and
tea drinkers - can be accurately reproduced
with the VITA AKZENT stains fumo 1-3.**



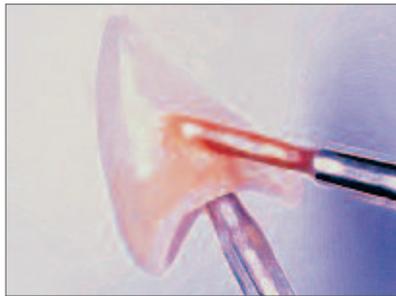
Even in the most extreme cases the VITA AKZENT fumo stains ensure accurate, lifelike colour reproduction of discolorations in the cervical area and on the palatal side of the incisal area.





The VITA AKZENT stains also enable the nuanced reproduction of fissures - whether subtle effects or more extreme characterisations. The result is individuality and an impression of depth perfectly suited to each particular case.





The VITA AKZENT stains should be mixed thoroughly with the finishing agent.

Applying the VITA AKZENT/finishing agent mixture in the interdental and cervical areas.



The new finishing agent fulfills several functions in surface finishing:

- by mixing with the finishing agent, the intensity of the VITA AKZENT stains can be controlled. This gives them a transparent effect which enhances the 3-D impression of the restoration.

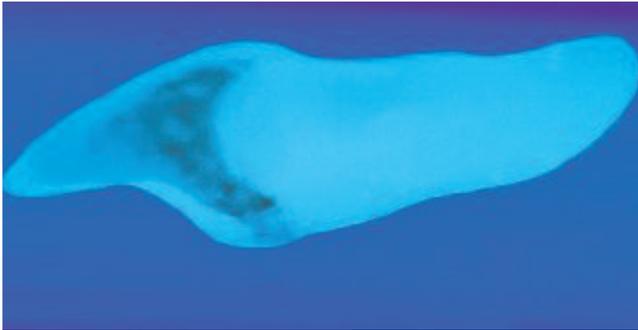
- use of the finishing agent optimises the surface:

This closes microporosities and improves biocompatibility with the gingiva in the cervical area.

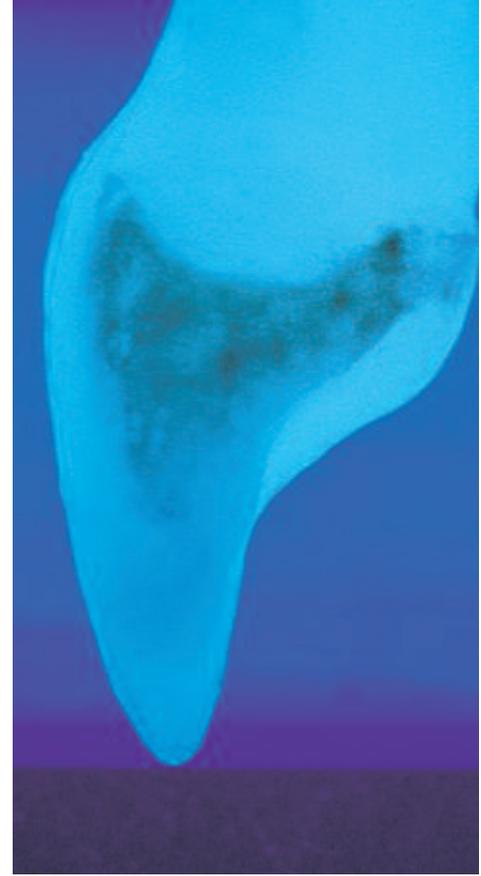


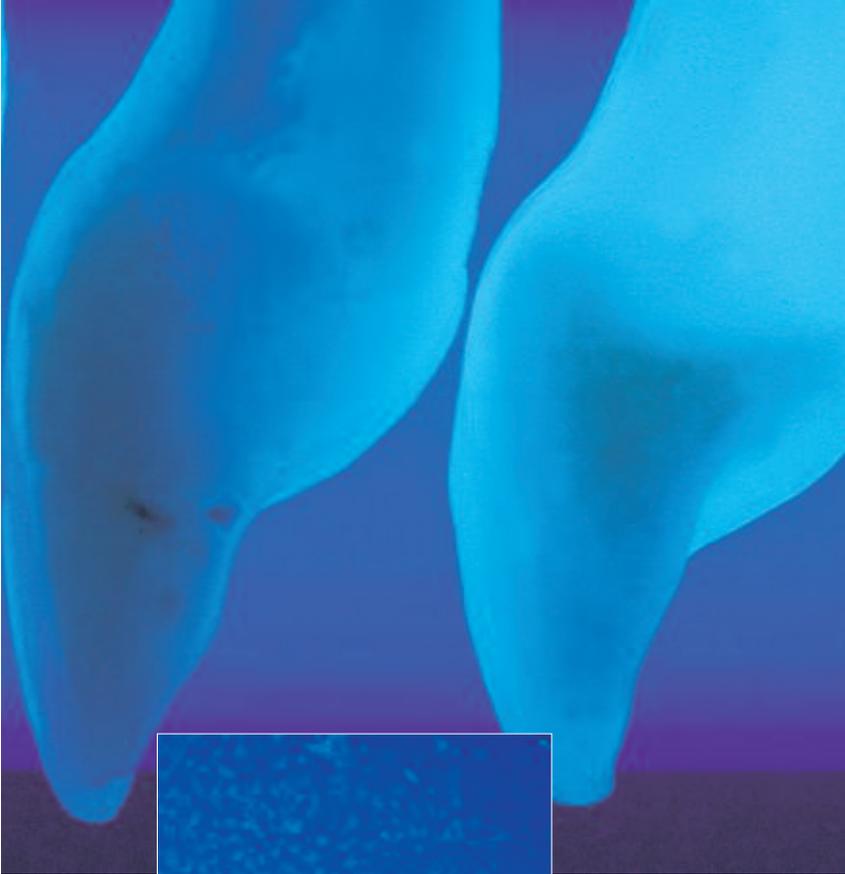
**Optical effect in
fluorescent light:**

- With traditional stains, the shade pigments are irregularly distributed, the structure is coarse-grained.



- The shade pigments in the VITA AKZENT stains are more evenly distributed to achieve a considerably more homogeneous colour effect.





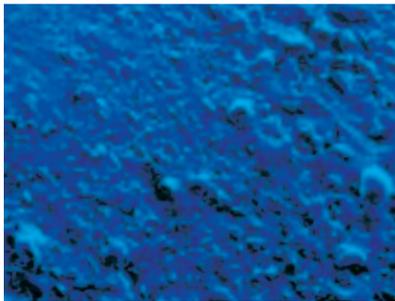
The difference in brightness is achieved by the matched fluorescence.

This fluorescence is modelled on natural dentition:

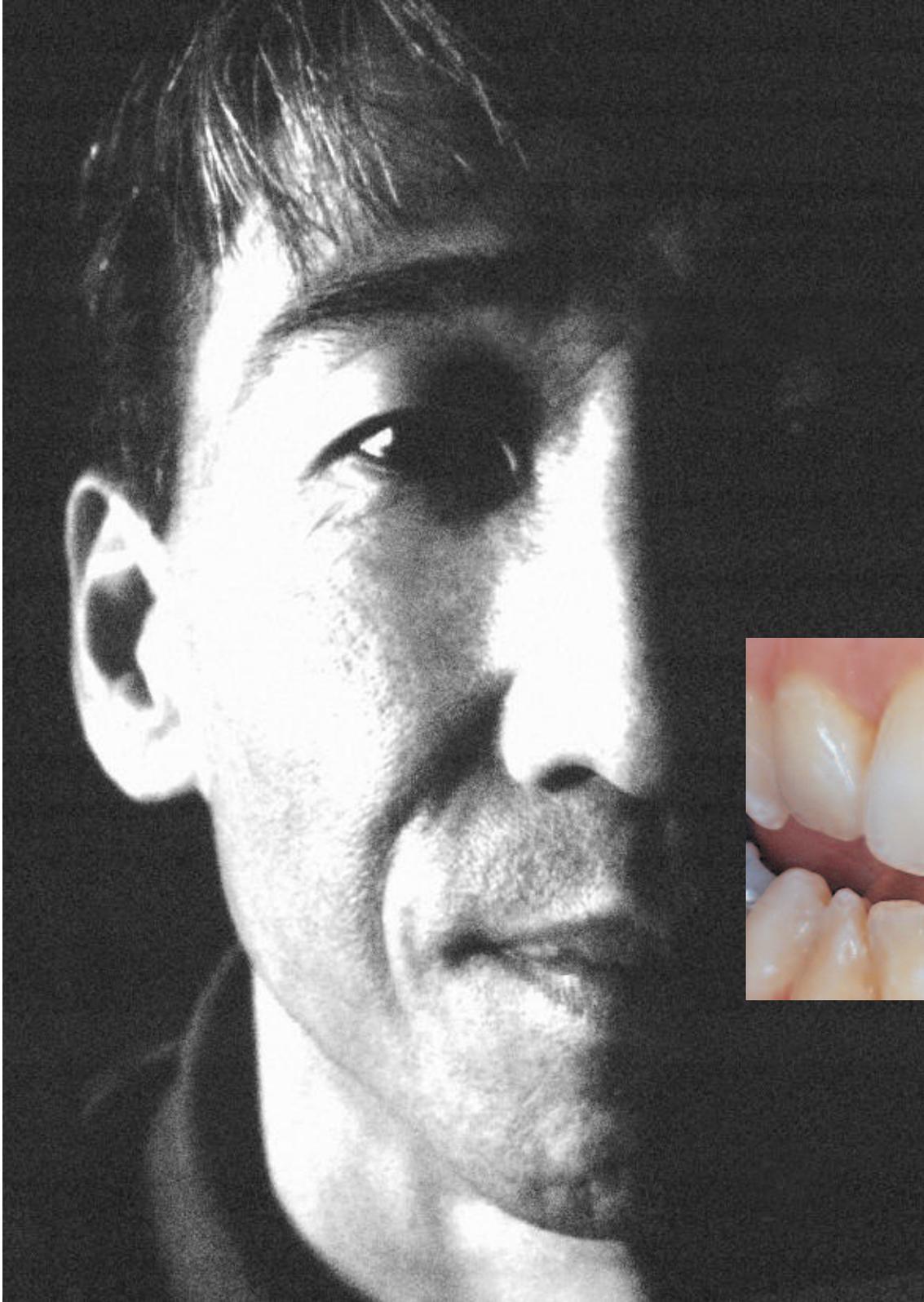
Left: The use of conventional stains;

Centre: The natural tooth;

Right: The homogeneity of the VITA AKZENT stains enables excellent adaptation of dental restorations to the patient's natural teeth.



The SEM micrographs show the homogeneous structure of the VITA AKZENT stains compared with previous stains.



VITA AKZENT stains can be used for metal-ceramic and all-ceramic restorations. The firing temperature depends on the temperature of the respective base material.



The concept of the VITA AKZENT system was developed by the ceramist Claude Sieber on the basis of his experience of daily practice.

	VITA AKZENT birch - Akz 01
	VITA AKZENT mellow yellow - Akz 02
	VITA AKZENT sun kiss - Akz 03
	VITA AKZENT inca gold - Akz 04
	VITA AKZENT gold earth - Akz 05
	VITA AKZENT curry - Akz 06
	VITA AKZENT adobe - Akz 07
	VITA AKZENT almond - Akz 08
	VITA AKZENT burnt clay - Akz 09
	VITA AKZENT muted clay - Akz 10
	VITA AKZENT tabac - Akz 11
	VITA AKZENT redwood - Akz 12
	VITA AKZENT shak - Akz 13
	VITA AKZENT jet black - Akz 14
	VITA AKZENT brown stone - Akz 15
	VITA AKZENT seal brown - Akz 16
	VITA AKZENT niagara - Akz 17
	VITA AKZENT fumo 1 - Akz 18
	VITA AKZENT fumo 2 - Akz 19
	VITA AKZENT fumo 3 - Akz 20

The VITA AKZENT® Assortment contains

Material	Order No.	Quantity
VITA AKZENT stains	Akz 01-Akz 20	20 x 3g
VITA AKZENT glaze	Akz 25	1 x 5g
VITA AKZENT finishing agent	Akz 26	1 x 5g
VITA AKZENT FLUID		1 x 20ml
VITA AKZENT mixing plate		1 piece
Glass spatula		1 piece
a & e Stain Brush, no. 3/0		1 piece
shade indicators		2 piece
Working instructions	Nr. 771	1 piece

VITA AKZENT® Stains

Working Instructions

Area of applications

VITA AKZENT Stains - the simple and accurate way to reproduce natural surface shade effects and anomalies and achieve optimum shade nuancing in ceramic restorations. VITA AKZENT Stains can be used with all types of ceramic techniques, i.e. the VITA VMK Master, VITA TITANIUM PORCELAIN, VITA VM 7, VITA VM 9, VITA VM 13, VITA VM 15 as well as with VITABLOCS® restorations made of fine-structure feldspar ceramic. These stains, however, are not intended for shading opaques materials.

Properties

The VITA AKZENT Stains are fine-grained and slightly fluorescent and are distinguished by their shade intensity, shade stability and outstanding application properties. It is possible to mix these stains with one another. The final shade effect can already be recognized during application. The VITA AKZENT shades fumo 1 - fumo 3 are somewhat more coarse-grained and therefore particularly suitable for reproducing deposits situated around defects, fissures and in the approximal area.

Working procedure

To obtain a perfect mixture of the stain in the mixing plate, pour some fluid into one of the little mixing hollows and mix with powder until the desired creamy consistency has been reached. The homogeneous consistency allows the material to be applied evenly to the surface of the ceramic restoration.

To seal the surface of the ceramic veneer, apply a thin coat of a mixture of VITA AKZENT FLUID and finishing agent. Mixing VITA AKZENT Stain with the finishing agent creates a subtler nuance in the chosen shade. This mixture does not detract from the impression of depth.

The thin layer of finishing agent can be fired at the same time as the glaze firing without vacuum.

VITA AKZENT glaze (Akz 25) can be used to give the dental restoration a soft, silky glaze. Pick up a portion of glaze with the tip of a modelling knife, mix with 1-2 drops of VITA AKZENT FLUID to a thick consistency and apply as thinly as possible to the ceramic veneer. If any further corrections are required, mix stain to a pasty consistency with FLUID and apply to the glaze.

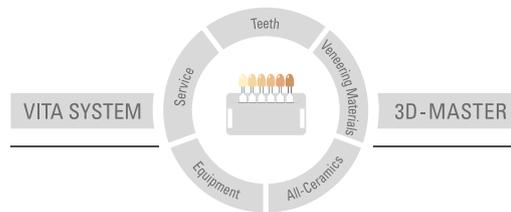
To ensure optimum application properties, the stains should be mixed approx. 2 hours before use.

When grinding dental ceramic products it is necessary to use a suction unit, wear a dust mask or keep the workpiece wet.

VITA VMK Master	Pre-drying	$\xrightarrow{\quad}$ min.	\nearrow min.	\nearrow °C/min.	Temp. approx °C	$\xrightarrow{\quad}$ min.	\searrow °C	VAC min.
With glaze (Akz 25); Finishing agent (Akz 26)	500	4.00	5.15	80	920	1.00	–	–
Glaze firing	500	0.00	5.15	80	920	1.00	–	–
VITA TITANIUM PORCELAIN	Pre-drying	$\xrightarrow{\quad}$ min.	\nearrow min.	\nearrow °C/min.	Temp. approx °C	$\xrightarrow{\quad}$ min.	\searrow °C	VAC min.
With glaze (Akz 25)	400	4.00	4.00	93	770	1.00	400	5.00
Glaze firing	400	0.00	4.00	93	770	1.00	400	5.00
VITA VM 7	Pre-drying	$\xrightarrow{\quad}$ min.	\nearrow min.	\nearrow °C/min.	Temp. approx °C	$\xrightarrow{\quad}$ min.	\searrow °C	VAC min.
With glaze (Akz 25); Finishing agent (Akz 26)	500	4.00	5.00	80	900	1.00	–	–
Glaze firing	500	0.00	5.00	80	900	1.00	–	–
VITA VM 9	Pre-drying	$\xrightarrow{\quad}$ min.	\nearrow min.	\nearrow °C/min.	Temp. approx °C	$\xrightarrow{\quad}$ min.	\searrow °C	VAC min.
With glaze (Akz 25); Finishing agent (Akz 26)	500	4.00	5.00	80	900	1.00	600*	–
Glaze firing	500	0.00	5.00	80	900	1.00	600*	–
VITA VM 13	Pre-drying	$\xrightarrow{\quad}$ min.	\nearrow min.	\nearrow °C/min.	Temp. approx °C	$\xrightarrow{\quad}$ min.	\searrow °C	VAC min.
With glaze (Akz 25); Finishing agent (Akz 26)	500	4.00	4.45	80	880	1.00	–	–
Glaze firing	500	0.00	4.45	80	880	2.00	–	–
VITA VM 15	Pre-drying	$\xrightarrow{\quad}$ min.	\nearrow min.	\nearrow °C/min.	Temp. approx °C	$\xrightarrow{\quad}$ min.	\searrow °C	VAC min.
Glaze firing with glaze (Akz 25)	400	4.00	4.52	80	790	1.00	–	–
Glaze firing	400	0.00	4.52	80	790	1.00	–	–
Glaze firing with glaze LT	400	4.00	4.45	80	780	1.00	–	–
VITABLOCS®	Pre-drying	$\xrightarrow{\quad}$ min.	\nearrow min.	\nearrow °C/min.	Temp. approx °C	$\xrightarrow{\quad}$ min.	\searrow °C	VAC min.
Stains fixation firing	500	4.00	4.45	80	880	1.00	–	–
glaze firing (Akz 25); finishing agent (Akz 26)	500	4.00	5.37	80	950	1.00	–	–

* Long-term cooling down to the respective temperature is recommended for the respective last firing cycle of the veneering ceramic; the lift position for VITA VACUMAT furnaces should be > 75%. Firing objects must be protected against direct supply of air.

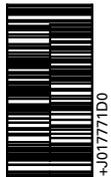
With the unique VITA SYSTEM 3D-MASTER
all natural tooth shades are systematically determined
and completely reproduced.



Please note: Our products have been developed for the use in the dental sector and have to be processed in accordance with the directions for use. Illustrations and written information do not include any undertaking as to qualities and are not binding. After the publication of these working instructions any previous versions become obsolete. The current version can be found at www.vita-zahnfabrik.com

VITA Zahnfabrik is certified in accordance with the Medical Device Directive and the following products mentioned in this brochure bear the mark **CE**₀₁₂₄ :

VITA AKZENT®



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VITA

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