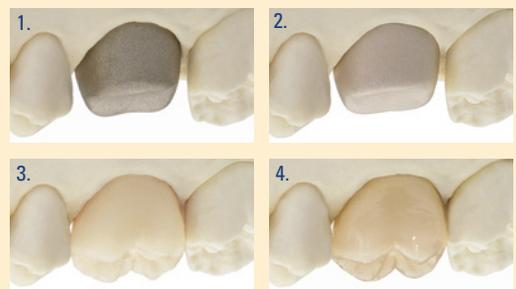


INSPIRATION
easy.

Dental-Ceramic



This innovative leucite-glass-ceramic makes layering even more simple:

1. starting point metal frame
2. tooth coloured **INSPIRATION** opaque paste
3. **INSPIRATION** easy Body Material
4. **INSPIRATION** easy Shade Body, Stain Colour Incisal, Glaze Finish

The results are single crowns and bridges that can be duplicated any time.

INSPIRATION easy is suitable for all firing alloys with a $CTE_{500\text{ °C}}$ between 13,8 – 14,8. Perfectly suited for Heimerle + Meule's alloys of precious metal or non-precious metals.

Instruction for use

 0483

Gebrauchsanweisung INSPIRATION easy

Material and Indication

INSPIRATION easy is a 2-phase leucite-glass-ceramic for veneering of both traditional as well as non-precious metal alloys with a CTE value (500°C) of 13.8 – 14. µm/mK.

Layering onto dental alloys made of precious metal does not require long-term cooling. In regard to long-term cooling of non-precious metal alloys the instructions of the manufacturer of the alloy have to be complied with.

Combination of the different 2 Body and 4 Shade Materials with the incisal Stain Colour allows realisation of the entire VITA® classical colour system from A1 – D4 (see combination chart).

Production of the Frame

Modelling, casting, finishing and oxidising in accordance with the handling recommendations of the manufacturer of the alloy.

Opaque Firing Circle

The opaque pastes of the INSPIRATION assortment are filled in small cans and ready for use. If the paste sediments, the original consistency can be re-established by simply stirring it.

Apply the first opaque layer with a flat brush which is slightly moistened with opaque liquid (remove any surplus) onto the thoroughly cleaned, respectively oxidised metal frame in such a way that the metal is completely covered with a covering capacity of about 70%.

1. FIRING CIRCLE (WASH FIRING):

Place object onto the firing table and pre-dry it in the open furnace for 6 – 8 min.

Close the furnace (basic temperature 400 °C)

Heat the furnace with a rate of 80 °C/min. to 900 °C; vacuum from 450 °C

Holding time 1 min. without vacuum.

Apply the second opaque layer to full coverage.

2. FIRING CIRCLE:

The second firing circle is done accordingly to the first one

1. FIRING CIRCLE:

Place object onto the firing table and pre-dry it in the open furnace for 6 min.

Close the furnace (basic temperature 400 °C)

Heat the furnace with a rate of 60 °C/min. to 880 °C; vacuum from 450 °C

Holding time 1 min. without vacuum.

Finish the crown or bridge after the first Dentin Firing Circle and thoroughly clean it. Thereafter, for the second Dentin Firing Circle, apply the same Body Material out of the INSPIRATION easy assortment.

2. FIRING CIRCLE:

The second firing circle is done accordingly to the first one, with a firing temperature of 870 °C, however.

Glaze Firing Circle

Clean the crown or bridge after finishing thoroughly and then apply the Glaze paste “Finish” as well as the Stain Colour “Incisal” and one of the four Body Shade Colours in a thin layer. If the paste sediments, the original consistency can be re-established by simply stirring it.

Corrections are done with the Stain Colour “Incisal” and the Body Shade Colours A, B, C, D until the desired tooth colour is achieved.

FIRING CIRCLE WITH GLAZE:

Place object onto the firing table and pre-dry it in the open furnace for 4 min.

Close the furnace (basic temperature 400 °C)

Heat the furnace with a rate of 60 °C/min. to 810 – 820 °C without vacuum

Holding time 1 min. without vacuum.

FIRING CIRCLE WITHOUT GLAZE:

The Glaze Firing Circle is done accordingly to the instructions above, with a firing temperature of 830 – 840 °C, however.

Dentin Firing Circle

Mix ceramic powder (Body 1, 2, 3) with modelling liquid N to creamy consistency and apply it accordingly to the anatomical tooth shape. Tighten the layer by means of gentle vibrations.



Warning:
Inhalation of ceramic dust over a longer period may cause health risks.

Combination Chart

Tooth colour	A0	A1	A2	A3	A3,5	A4	B0	B1	B2	B3	B4	C1	C2	C3	C4	D2	D3	D4
Body	1	1	2	3	3	3	1	1	2	3	3	1	3	3	3	1	2	2
Shade Body		A	A	A	A	A		B	B	B	B	C	C	C	C	D	D	D
Painting Shade Body		1x	1x	1x	2x	2x		1x	1x	2x	2x	1x	1x	1x	1–2x	1x	1x	1x
Stain Colour Incisal	Required at every tooth colour. Fakes the illusion of transparent effects.																	