

Titanium ceramic

Indication

ceraMotion® Ti is suitable for veneering titanium and titanium alloys with a thermal expansion of 9.6 to $10.3 \cdot 10^{-6} \text{ K}^{-1}$.

ceraMotion® Ti should not be used for veneering frameworks made of high-performance ceramic (Al_2O_3 , ZrO_2) or dental alloys outside the prescribed CTE range.

ceraMotion® Ti must not be used if there is a known intolerance to any constituent.

Assurance

ceraMotion® Ti successfully fulfils all requirements according to DIN EN ISO 6872:2008 and is produced in correspondence with a quality management system according to ISO 9001 and ISO 13485.

Aesthetics

With the new type of Opaque, Dentin and Incisal coloring it is possible to achieve perfect aesthetical results, in just a few steps by using simple, standard build-up techniques. With the fluorescent modifiers from the ceraMotion® Ti system it is possible to control brightness and intensify strong contrasts within the crown body. The captivating brilliance in color, an incredible translucency and outstanding illusion of depth possible with ceraMotion® Ti guarantees excellent aesthetical results.

Shade stability

The thermocoloration method developed exclusively for the coloration of ceraMotion®, guarantees homogenous and lasting shading. Even after multiple firings the translucence and opalescence does not change. ceraMotion® Ti shades have been developed according to the classical VITA* shade system.

* VITA is a trademark of the company VITA Zahnfabrik, Bad Säckingen

Working processing

Extensive technical application tests have shown easy and reliable working procedure is guaranteed and excellent aesthetics can be achieved by following the instructions for use correctly.

Concluding results

Due to the results achieved, ceraMotion® Ti may be released as a ceramic, suitable for bonding alloys with an appropriate CTE range as named in the indications above.

Ispringen, 15th October 2012



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Dr. Thomas Wiest
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