

Press and press-on ceramic for metal frameworks

Indication

These materials are distinguished between ceraMotion® P, a press ceramic for inlays, veneers and single crowns, and ceraMotion® PMe, a press ceramic for full anatomical overpressing of metal frameworks. It is possible to use the layering technique on ceraMotion® P using the Touch Up materials from ceraMotion® Me.

For ceraMotion® PMe it is possible to use both the ceraMotion® Me materials and the Touch Up materials. ceraMotion® PMe is used to overpress dental alloys with a thermal expansion of 13.9 to $15.1 \cdot 10^{-6} \text{ K}^{-1}$ ($25-500 \text{ °C} / 77-932 \text{ °F}$) $< 10 \%$ compatible with silver.

If a ceramic shoulder is required then it is advisable to use an alloy with a CTE range of approx. 14.0 to $14.3 \cdot 10^{-6} \text{ K}^{-1}$ ($25-500 \text{ °C} / 77-932 \text{ °F}$).

ceraMotion® PMe must not be used to overpress frameworks made of high performance ceramic (Al_2O_3 , ZrO_2), titanium/titanium alloys or dental alloys outside the stipulated CTE range.

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

Assurance

ceraMotion® P+PMe 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 and Dentin coloring a perfect aesthetical result is achieved. The captivating brilliance in color, an incredible translucency and outstanding illusion of depth possible with ceraMotion® P+PMe guarantees excellent aesthetical results. The thermocoloration method developed exclusively for the coloration of ceraMotion®, guarantees homogenous and lasting shading.


Working processing

The ceraMotion® P+PMe system is fully compatible with the ceraMotion® Me Touch Up veneering ceramic. 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® P+PMe may be released as a ceramic, suitable for pressing and overpressing of metal frameworks.

Ispringen, 15th October 2012



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