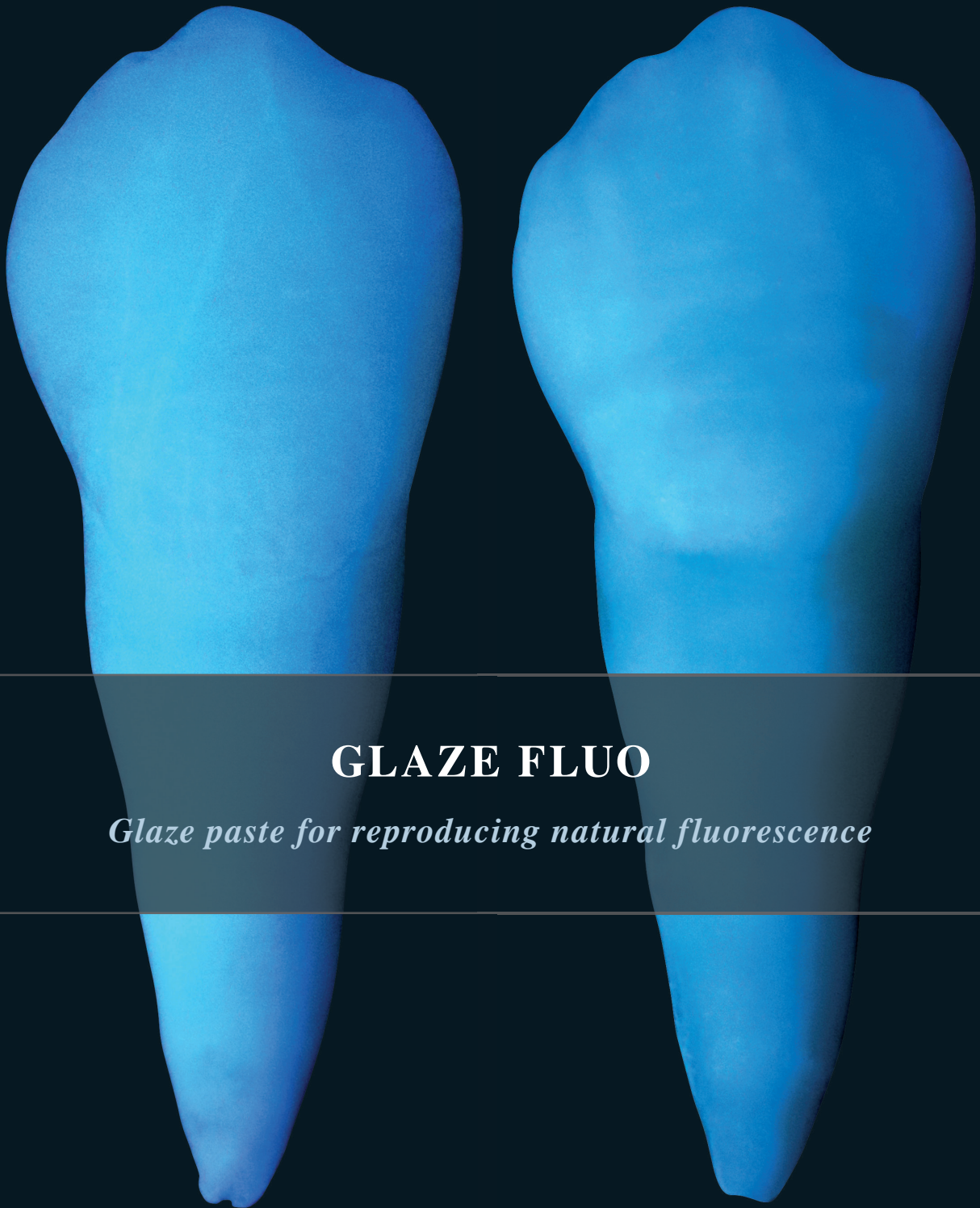


Zirkonzahn®

Human Zirconium Technology



GLAZE FLUO

Glaze paste for reproducing natural fluorescence

Natural tooth

Tooth in Prettau® 2 zirconia with Glaze Fluo

GLAZE FLUO

Our eyes perceive the colour of a natural tooth within a blink of an eye. What seems so simple is the result of a complex network of different factors such as tooth and surface structure, translucency and fluorescence properties, brightness and light reflection. The reproduction of the natural tooth colour is therefore a very demanding task for dental technicians. In order to imitate nature as close as possible, it is not enough to follow the Vita colour scheme alone. This becomes particularly clear when natural teeth and dental restorations are exposed to ultraviolet light: indeed, where the natural tooth exhibits bluish-white fluorescence, zirconia structures are instead hidden behind their dark grey colour. By applying Glaze Fluo glaze paste, zirconia restorations can now be endowed with natural brightness and fluorescence. The colour effects resulting from the application of Glaze Fluo are visible under ultraviolet light as well as in daylight and enrich the teeth with a totally natural vivacity and brightness.

NATURAL TOOTH



TOOTH IN PRETTAU® 2 ZIRCONIA
WITH GLAZE FLUO



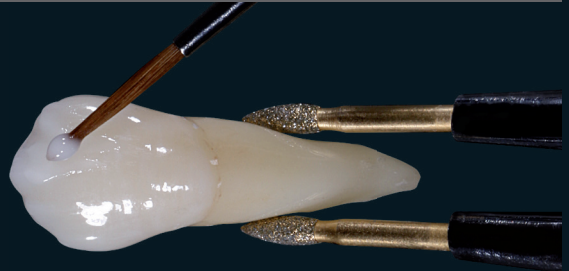
TOOTH IN PRETTAU® 2 ZIRCONIA
WITHOUT GLAZE FLUO



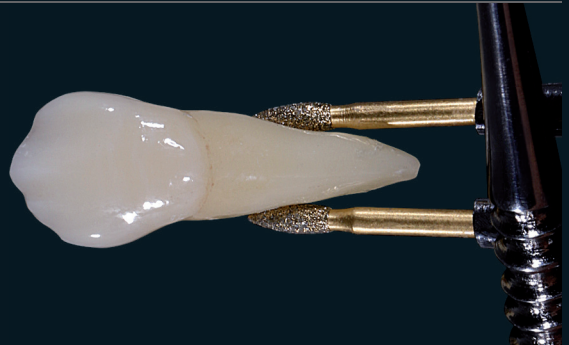
Mix Glaze Fluo well.



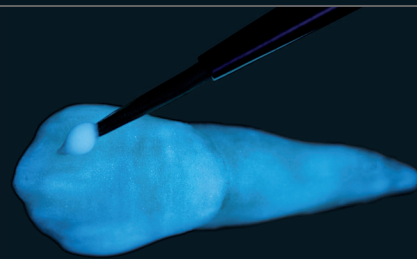
Apply the glaze paste evenly onto the zirconia surface with a brush.



Vibrate the glaze paste with a ridged tool.



The achieved fluorescence is shown under the ultraviolet light. Check under the UV lamp whether the material is applied uniformly and make corrections if necessary.



UV lamp

For a beautiful shine, fire the tooth at 660 °C under vacuum, with a holding time of 5 min.



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In comparison: untreated molar and premolars after application of Glaze Fluo

HUMAN ZIRCONIUM TECHNOLOGY

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All information is subject to change. Errors and omissions excepted. Version: 17/01/2019