



DENTAL PORCELAIN SHADING KIT, SYSTEM AND METHOD

ABSTRACT OF THE INVENTION

The invention provides a kit, system and method for the preparation of porcelain dental restorations. First, second and third powders are provided in labeled containers. The first powder has a lightness value (L_1) when formed into a least opaque porcelain layer. The second powder has a lightness value (L_2) when formed into a less opaque ceramic layer. The third powder has a lightness value (L_3) when formed into a most opaque ceramic layer. The third lightness value is greater than the second lightness value, which is greater than the first lightness value. The lightness value differences between the third lightness value (L_3) and the first lightness value (L_1) are less than 2.5 CIE L^*a^*b units. Preferably, the first powder has a first hue (H_1) when formed into the least opaque porcelain



layer, the second powder has a second hue (H_2) when formed into the less opaque ceramic layer, and the third powder has a third hue (H_3) when formed into the most opaque ceramic layer. Preferably the first hue (H_1) and the second hue (H_2) are within 5 degrees of the CIE psychometric hue angle of the third hue (H_3).

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