

Universal Opaque

LIGHT-CURED PASTE OPAQUES FOR CERAMAGE AND SOLIDEX



Two composite systems – One opaquer concept



- **Universal system**

Universal Opaque is the new opaquer paste generation for the CERAMAGE and SOLIDEX systems.

- **Easy and quick to apply**

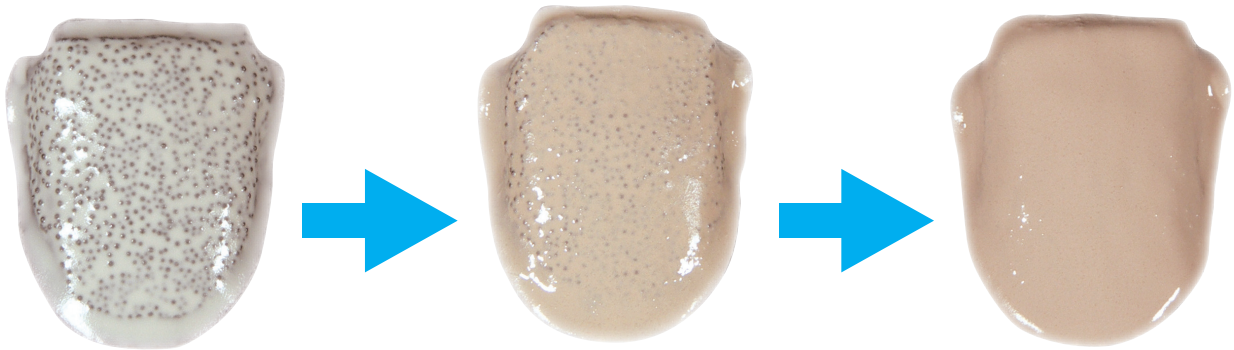
Improved thixotropic properties have substantially increased the softness and flowability of the pastes. They are now extremely easy and quick to apply.

*Implant restoration and photos by
Uwe Gehringer & Clemens Bieber,
Munich, Germany*

- **Excellent masking properties and durable bond**

Specially optimised micro-fillers ensure an extremely fine particle distribution, combining excellent masking properties with an equally outstanding and durable bond to dental alloys.

- **Remarkably simple**



Pre-Opaque

Universal Pre-Opaque, the first coat applied, flows into all retention areas of the framework and is incorporated into the bonding system. The special polymerisation characteristics of this paste ensure that it cures completely, even in undercuts.

1st Opaque layer

The following masking layer of Universal Opaque can be easily and uniformly applied, thanks to their soft consistency. The first thin opaquer layer already creates a good masking effect and a homogeneous base shade.

2nd Opaque layer

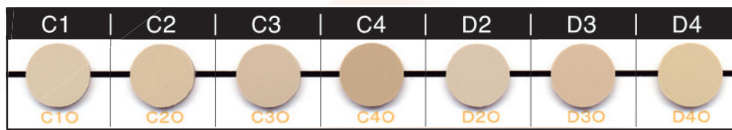
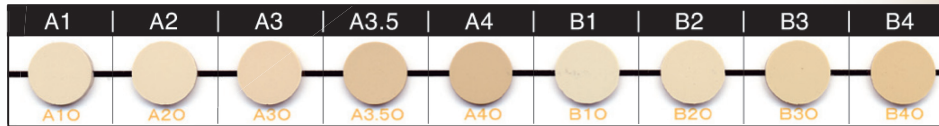
After the application of the second layer the framework is uniformly masked in the desired shade.

The correct shade, right from the start

Whitening-Shades



V-Shades



NCC-Shades



Effect-Shades



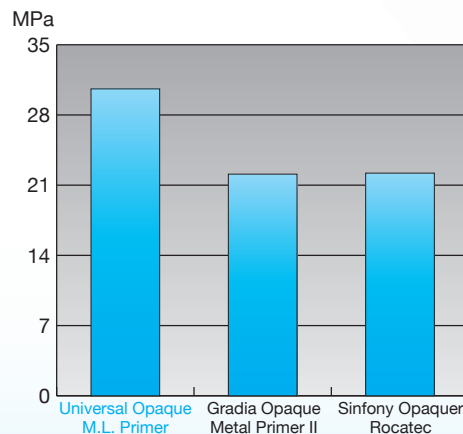
Reliable bond to any dental alloy

Universal Opaque forms a symbiotic network with the bonding agent, M. L. Primer, providing a durable and reliable bond.

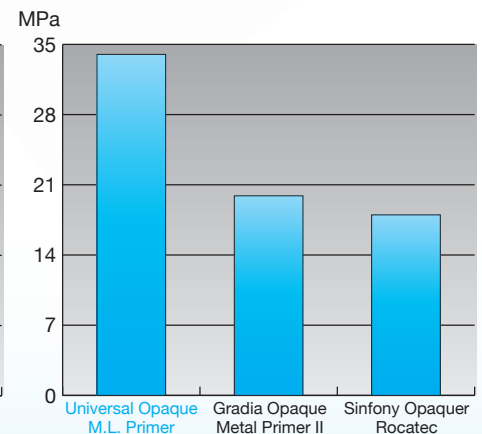
Especially when using precious alloys, this network is extremely resistant to hydrolysis and thermal loading.

Source: Dept. of Dental Prosthetics and Materials Science, University of Jena, Germany, Dr. A. Rzanny, 2013.

- Compressive shear bond strength to semi precious alloy (AuroLloyd KF) after 24 h storage in distilled water at 37 °C



- Compressive shear bond strength to semi precious alloy (AuroLloyd KF) after 25,000 thermocycles



System components



Universal Pre-Opaque

Universal Pre-Opaque is highly flowable and bonds reliably to dental alloys and Universal Opaque pastes.



Universal Opaque

Universal Opaque pastes are easy to apply and equally suitable for the CERAMAGE and SOLIDEX systems.



SOLIDEX 8-Color-Set

SOLIDEX starter set including the Vita shades A1 to A4, B2, B3 and C3



CERAMAGE 8-Color-Set

All the components for the production of aesthetic restorations in the V-shades A1 to A4, B2 and B3 as well as C3 in a practical rack



M.L. Primer

For reliable bonding to all dental alloys



CRB - Ceraresin Bond

The proven system for bonding to light- and self-curing resins and all ceramic veneering materials



SHOFU INC. 11 Kamitakamatsu-cho, Fukuine, Higashiyama-ku, Kyoto 605-0983, Japan (www.shofu.co.jp)
 SHOFU DENTAL ASIA-PACIFIC PTE. LTD. 10 Science Park Road, #03-12 The Alpha, Science Park II, Singapore 117684 (www.shofu.com.sg)
 SHOFU DENTAL TRADING (SHANGHAI) CO., LTD. No. 645 Jiye Road, Sheshan Industrial Park, Songjiang, Shanghai 201602, China (www.shofu.com.cn)
 SHOFU DENTAL CORPORATION 1225 Stone Drive, San Marcos, CA 92078-4059, USA (www.shofu.com)
 SHOFU UK Riverside House, River Lawn Road, Tonbridge, Kent, TN9 1EP, UK (www.shofu.co.uk)
 SHOFU DENTAL GmbH [EC REP] Am Brüll 17, 40878 Ratingen, Germany (www.shofu.de)

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