



OLIDENT



COMPLETE MATERIAL & INSTRUMENT SET

For posterior restorations

by Dr. Karol Babiński



A photograph of two men in a modern office environment. The man on the left, Dr. Karol Babinski, is wearing glasses and a white shirt, leaning forward. The man on the right is also in a white shirt and khaki pants, holding a laptop and a document. They are both looking at a document held by the man on the left. The background features a green wall with a textured pattern and a wooden wall.

„We all want to work aesthetically and repetitively, but most important effectively. With the help of Olident and my knowledge in the field of composite materials, I was allowed to create a concept of a set that I pass into your hands. SET POSTERIOR is the essence of simplification of work and the highest quality. With a minimum of tools and materials, you will achieve perfect aesthetic and a repeatable work technique.”

“This is the essence of simplicity in posterior work.”

— Dr. Karol Babinski

ONEshade AND OliBULK Fill ARE A PERFECT MATCH FOR 80%

of I and II class restorations and most III and V class cases!

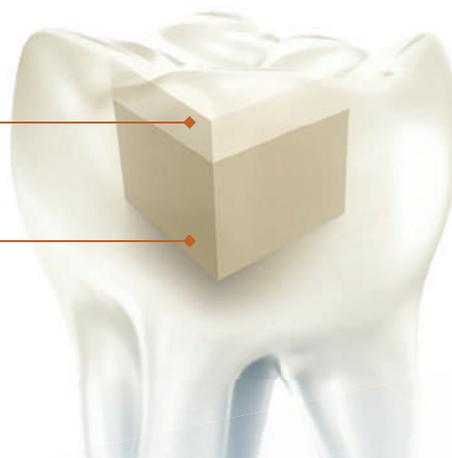
Unique composition of these composites creates an easy and fast solution for the most common cavities. Time consuming colour and opacity matching is no longer an issue. With this perfect pair you can easily prepare highly durable restorations with no compromises to esthetics. All you need are these two syringes.

ONEshade

universal shade with exquisite colour adaptation effect in a condensable consistency

OliBULK Fill

flowable material for the bulk-fill technique with up to a 4 mm single layer



FAST AND RELIABLE PROCEDURE

Both ONEshade and OliBULK Fill can be used according to universal simple procedures. Additionally, they guarantee easy application, quick polishing and long-lasting results. They also allow you to save a lot of time at the chair. Do you need anything else? *A Coffee maybe :)*



SCAN&WATCH



INVISIBLE FUSION WITH CHAMELEON EFFECT

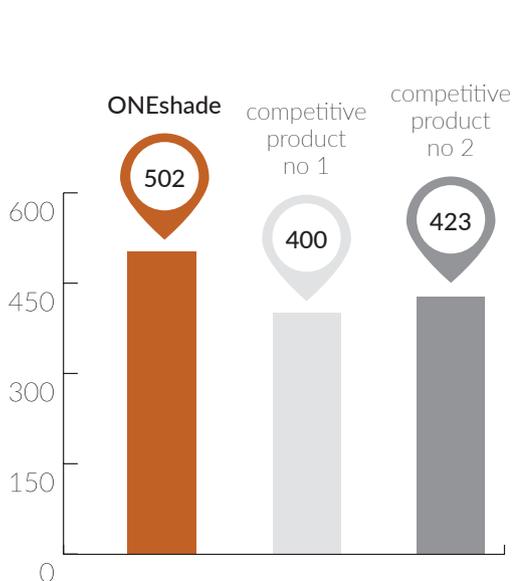
Universal colours of ONEshade & OliBULK Fill match most natural tooth shades.

Another common advantage of both composites is the chameleon effect, the distinguishable factor defining their uniqueness being the opacity. Opaque OliBULK Fill works as a base layer for deep and irregular cavities creating a fitting background. The much more transparent ONEshade, with its Colour Adaptive Technology, gives an invisible fusion to all surrounding tissues.



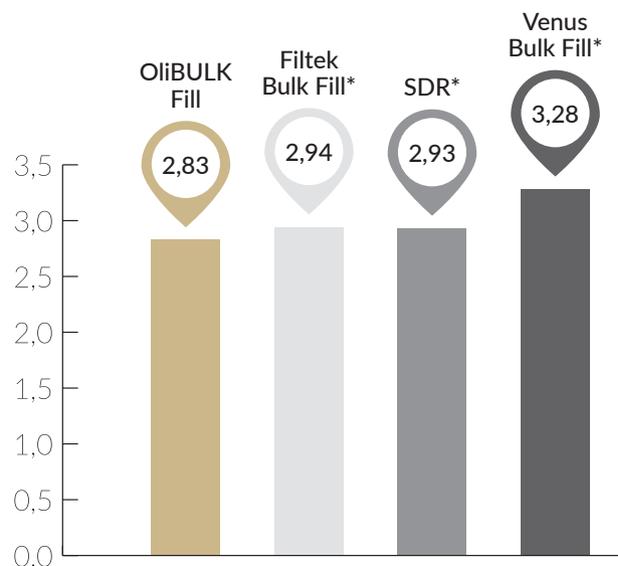
OUTSTANDING MECHANICAL PROPERTIES

Independent German Institutes have confirmed the high quality of both materials. The values of the two most important mechanical parameters qualify these composites for their intended use. The flowable OliBULK Fill with its low shrinkage stress and the universal ONEshade with its high compressive strength, guarantee a reliable result for most common cavities.



COMPRESSIVE STRENGTH (MPa)

Source: Independent Fraunhofer Institut für Kreamische Technologien und Systeme, Dresden, Germany, 2011.



AVERAGE TOTAL SHRINKAGE (%)

Source: Independent InnoMat GmbH, Teltow, Germany 2012.

OliEtch BOND

OliEtch BOND is a single-bottle, single-layer, 7th generation bonding system with the **10-MDP monomer**. It has been designed to simplify the procedure as much as possible, while maintaining excellent bonding quality.

Among the most popular self-etching systems, OliEtch BOND is distinguished by high values of bonding strength. Just one layer of OliEtch BOND is enough to obtain a strong and long-lasting adhesion of composites and ceramics with natural tissues.



HIGHLY ADHESIVE MDP MONOMER

The OliEtch BOND monomer matrix consists of a mixture of proven methacrylate resins and acid monomers. The balanced combination of the **10-MDP adhesive monomer** and the **4-Meta** component increases the penetration of the monomer into dentin and guarantees high adhesion of resins to hydroxyapatite, composites and ceramics.

contains
10-MDP
monomer

One of the strongest
bonds on the market

EXTENDED FIELD OF APPLICATION

Most light-curing systems are compatible only with light-curing composites. The indications for the use of OliEtch BOND have been extended to include dually-cured composites, e.g. cements for prosthetic works. The only requirement for the procedure is that, both the bond and the cement, have to be completely cured with the polymerisation light.

OliEtch BOND is compatible with:

- composites, compomers and ceramics (lithium ceramic and zirconium)
- light-curing and dual-curing composites
- two etching techniques (self-etch and selective etch)
- direct and indirect restoration techniques



TT-Master

TT-Master tools are composite instruments designed by Dr. Karol Babinski. The unique shape of these instruments allows for convenient modelling of details, in both anterior and posterior teeth.



The instruments are covered with a special TT-glass titanium coating, which is scratch-resistant, extremely durable and acts as an anti-reflective coating.

EXPERT OPINION:

„I use composite instruments every day. Until now, I have had to re-make existing ones available on the market; which wasn't a perfect solution. I wasn't the only one pleased with the idea of designing my own tool shapes. Today, many of my colleagues use the TT-Master, which makes them and me extremely happy.“

Dr. Karol Babinski

OliBRUSH esthetic

The set of OliBRUSH esthetic tools is also the result of collaboration with Dr. Karol Babinski. Working with composites is not only about filling a tooth cavity, but most importantly, a beautiful surface morphology. An ideal brush should have optimal stiffness to guide the composite, not just smooth it. The carefully selected width and length of the bristles also affect the ergonomics of work when modelling the filling.

OliBRUSH esthetic meet the above requirements. Moreover, they lie comfortably in the hand and are beautifully made. The offer includes two color versions of the brushes: BLACK and WHITE.



BRUSH NO. 1

profiled for posterior teeth and fine structures; short bristles and a short working part allow for full control of work deep in the mouth.



COMMON INDICATIONS OF **ONESHADE & OLIBULK FILL**

In order to facilitate work in the dental practice, together with Dr. Karol Babinski, we have prepared proven indications for ONEshade and OliBULK Fill composites. They constitute as much as 80% of all cases where you will save time and reduce unnecessary expenses.

NO COMPROMISE. The effect will always be aesthetic, functional and durable.

CLASS I



| | | |
|---|------------------|------------------------|
| ● | BASE: | OliBULK Fill, shade MD |
| ● | TOP: | ONEshade |
| | ADHESIVE SYSTEM: | OliEtch BOND |

ProTIP from Dr. K. Babiński:

“Complete the reconstruction of OliBULK Fill approx. 1.2 mm below the marginal edge. Use the tip of the probe to gently draw the material over the enamel-dentin junction. Polymerise. Reconstruct the surface morphology cusp by cusp. Earlier drawing of the ‘fissure map’ will allow to perfectly control the modelling process.”

CLASS II



| | | |
|---|------------------|------------------------|
| ● | BASE: | OliBULK Fill, shade MD |
| ● | TOP: | ONEshade |
| | ADHESIVE SYSTEM: | OliEtch BOND |

ProTIP from Dr. K. Babiński:

“Start by spreading a minimal amount of flowable composite, OliBULK Fill, along the junction of the cavity margin with the matrix. Without polymerising this layer, apply a condensable composite material (eg. ONEshade), form a proximal wall and polymerise. The previously applied flowable material will ensure the tightness of the margin.”



SCAN&WATCH

Application and working technique in class II by dr Karol Babinski.



CLASS III

| | | |
|---|------------------|------------------------|
| ● | BASE: | OliBULK Fill, shade MD |
| ● | TOP: | ONEshade |
| | ADHESIVE SYSTEM: | OliEtch BOND |



ProTIP from Dr. K. Babiński:

“In the case of minor class III cavities, the ONEshade material is completely sufficient. In the case of medium-sized cavities, it is worth using the combination of OliBULK Fill (inner, dentin part of the cavity) and ONEshade (outer layer, enamel).”

CLASS V

| | | |
|---|------------------|------------------------|
| ● | BASE: | OliBULK Fill, shade MD |
| ● | TOP: | ONEshade |
| | ADHESIVE SYSTEM: | OliEtch BOND |



ProTIP from Dr. K. Babiński:

“In order for the neck not to be too blue or too opaque, it is necessary to feel the proportion between OliBULK Fill and the outer layer of the ONEshade universal composite. Leave only about 0.5 mm of space for the outer layer.”



SCAN&WATCH

Application and working technique in class III by dr Karol Babinski.

POSTERIOR REGION

DR. KAROL BABIŃSKI

EXPERT OPINION:

„The use of the combination of OliBULK Fill MD and ONEshade composite allowed for a strict control of the bottom of the fissures and the course of individual morphological elements of the reconstruction.”



Clinical pictures by courtesy of **Dr. Karol Babinski**.

Composite materials used: OliBULK Fill MD and ONEshade. Poland, 2019.

EXPERT OPINION:

„Hyperchromatic composite OliBULK Fill MD, provided the saturation and opacity of the dentin layer, and the universal ONEshade material with chameleon effect allowed to focus on the artistic aspect of surface modeling without analysing the color aspect.”



Clinical pictures by courtesy of **Dr. Karol Babinski**.

Composite materials used: OliBULK Fill MD and ONEshade. Poland, 2019.

INTERNATIONAL TRAININGS

Attentive relationship with our customers results in a fruitful cooperation that we are proud to promote. The most engaged presenting their practical skills. That gives the opportunity to meet the most talented specialists and exchange experience.



For more information about the international trainings please contact your local dealer or us directly at info@olident.com



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