

breCAM.PMMA materials



mono
multi **COM** comfortable quality
patible care
mitting smiles!

50 years of bredent

bredent
group

breCAM.multiCOM⁺

breCAM.multiCOM

breCAM.monoCOM



breCAM.PMMA materials in the bredent group

Through years of close cooperation with users and partners worldwide, the bredent group has further developed and perfected **breCAM.PMMA materials** for everyday laboratory use.

The high-quality monochrome and polychrome **breCAM.PMMA materials** offer dental laboratories and dentists efficient and economical solutions as well as aesthetic and natural restorations.

Depending on the material selected, they are suitable for prosthetic teeth, temporary crowns, bridges and SKY fast & fixed immediate implant restorations with a wear time of up to 3 years or for removable prostheses with an unlimited wear time.



breCAM.multiCOM⁺

Aesthetics & flexibility

– Stepless beauty & wide range of indications!

The second generation of polychromatic PMMA with cross-linker offers **outstanding properties:**

- ✓ **breCAM.multiCOM⁺** has high fracture and bending strength thanks to cross-linker technology and a very low water absorption
- ✓ Ideal for the production of dentures (permanent wearing time) and ideal for stable crowns and bridges with up to three years wear time
- ✓ Also available in 25 mm height, especially for SKY fast & fixed immediate restorations



The **BENEFITS** to you

- ✓ **High durability and reliability**
 - Up to three years wear time for crowns, bridges (up to two pontics) and immediate restorations such as SKY fast & fixed
- ✓ **Permanent solution saves time and costs**
 - Unlimited wear time for denture teeth
- ✓ **Safe and secure**
 - Bending strength > 110MPa
- ✓ **Greater customer satisfaction**
 - Natural, stepless colour gradient and colour fidelity similar to Vita Classic colours
- ✓ **Wide range of colours**
 - Available in all Vita Classic colours and BL1
- ✓ **Flexibility of use**
 - Available in Ø 98.4 mm and heights 14, 16, 20 and 25 mm



© Photo: Christian Dalla Libera, Padua, Italy.

IMPROVED Features

- ✓ **Increased efficiency and time saving**
 - Modified colour formula analogous to the Vita Classic colour scale
- ✓ **Greater patient satisfaction**
 - Highest aesthetics similar to Luxor Z
- ✓ **Long life span**
 - Temporary wear time increased from two to three years for fixed restorations
 - Unlimited wear time for removable prostheses
- ✓ **Safe and secure**
 - Improved mechanical properties thanks to prepared PMMA with integrated cross-linker



© Photo: Sebastian von Haussen, RemsDental, Germany.

How does breCAM.multiCOM⁺ support you in your daily work in the laboratory?



*This material really won us over!
The easy millability and excellent surface quality save us a lot of time during further processing. It is easy to polish and offers excellent colour reproduction, even with thin layers. Plug-and-play integration in the lab is a big advantage, and its versatility makes it extremely economical. The smooth colour gradients are particularly impressive. We can absolutely recommend it!*

MDT - Tim Wittig, Waiblinger Dental-Labor GmbH



breCAM.multiCOM⁺
is a real game changer in our laboratory. Thanks to its good machinability and the resulting very smooth surfaces, we achieve excellent results. High colour reproducibility with a very soft colour gradient, combined with easy polishability, guarantees a high level of economy. We are thrilled!

MDT - Philipp von der Osten, Dental Design Erlangen

breCAM.multiCOM

Natural results & consistent quality

Polychrome, made of PMMA for all open CAD/CAM systems.

- ✓ The first generation of PMMA with fillers
- ✓ A diverse, sophisticated composition of special colour pigments ensures natural colour gradients
- ✓ Ideal for temporary crown and bridge restorations
- ✓ High fracture resistance makes it ideal for immediate restoration of SKY fast & fixed after implantation and for long healing periods



© Photo: Christian Dalla Libera, Padua, Italy.

The **BENEFITS** to you

- ✓ **Safe and secure**
 - Bending strength > 100MPa
- ✓ **Cost-effectiveness and flexibility**
 - Available in Ø 98.4 and 95 mm, 16 and 20 mm and in 9 Vita colours A1, A2, A3, A3.5, B2, C2, C3, D2, D3
- ✓ **Confidence Level**
 - Up to two years wear time for crowns, bridges (with one pontic) and immediate restorations such as SKY fast & fixed
- ✓ **Satisfaction of the patient**
 - Natural seamless colour gradient



© Photo: Christian Dalla Libera, Padua, Italy.

How does breCAM.multiCOM support you in your daily work in the laboratory



*The colour gradients are simply brilliant.
The material is excellent for milling and processing.
The brilliant lustre of the surface
can hardly be distinguishable from e.max/ceramic.
Absolutely impressive!*

MDT - Adem Isik, Dentallabor Schreiber



*These blanks can be machined wet or dry
and enable an optimal surface result as well as a high degree of precision.
breCAM.multiCOM is an ideal material for full-digital solutions.
The CAD processing ensures a high surface precision in natural tooth
restorations. It also offers true-to-life details in complex geometries for
connecting adhesive bases in combination with
implant-supported restorations.*

DT - Sara Dalla Libera



*With **breCAM.multiCOM**, long-term temporary crowns and bridges
with a pontic are possible for up to two years.
Thanks to the natural colour distribution and high translucency,
the material has a high aesthetic value for us in the laboratory
and for our customers.*

DT - Christian Dalla Libera

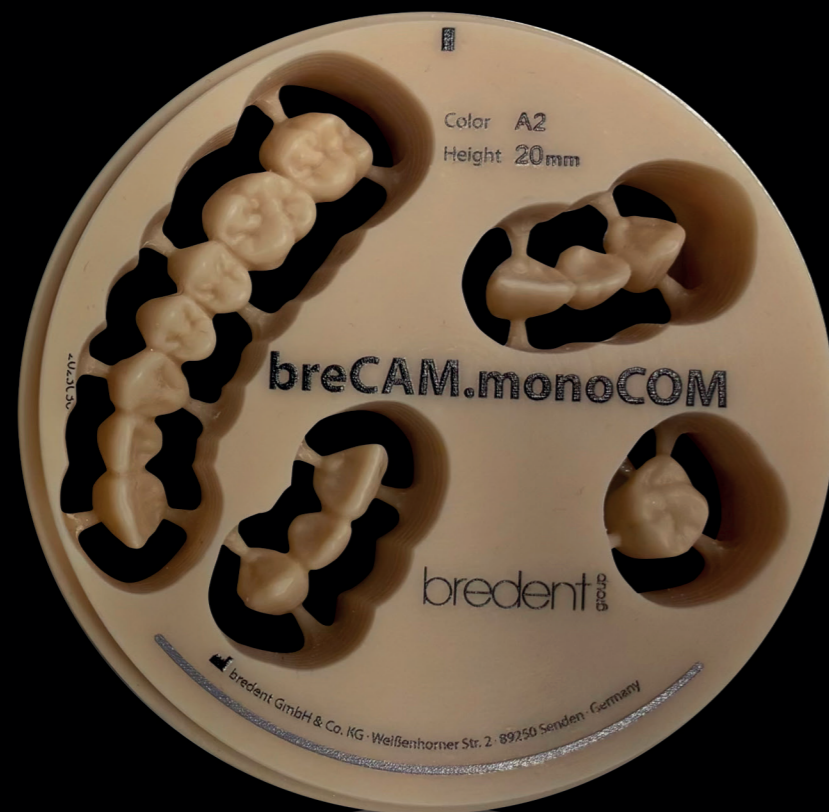


breCAM.monoCOM

Economic efficiency - maximum performance at fair prices!

Monochrome, made of PMMA for all open CAD/CAM systems.

- ✓ **breCAM.monoCOM** consists of PMMA
- ✓ Try-ins, temporary crowns and bridges
- ✓ Ideal for producing cost-effective restorations



The BENEFITS to you

- ✓ **Resistance**
 - Up to two years wear time for crowns, bridges (with one pontic) and immediate restorations such as SKY fast & fixed
- ✓ **Safe and secure**
 - Bending strength > 100MPa
- ✓ **Cost-effectiveness and flexibility**
 - Available in Ø 98.4, 16 and 20 mm and in 11 Vita colours A1, A2, A3, A3.5, A4, B1, B3, C2, C3, D2, D3



© Photo: Christian Dalla Libera, Padua, Italy

Everything about breCAM.PMMA materials at a glance:



Product	breCAM.monoCOM	breCAM.multiCOM	breCAM.multiCOM ⁺
Indications	Crowns and bridges (max. 1 pontic)	Crowns and bridges (max. 1 pontic)	Crowns and bridges (up to max. 2 pontics) Prosthetic teeth
Wear time	Up to 2 years	Up to 2 years	Crowns and bridges: up to 3 years prosthetic teeth: Unlimited wearing time
Geometry	Ø 98,4 mm	Ø 98,4 mm Ø 95 mm	Ø 98,4 mm
Heights	16 mm, 20 mm	16 mm, 20 mm	14 mm, 16 mm, 20 mm, 25 mm
Colours	A1, A2, A3, A3.5, A4, B1, B3, C2, C3, D2, D3	A1, A2, A3, A3.5, B2, C2, C3, D2, D3	All Vita Classic colours and BL1

Technical data:

Mechanical/physical specifications	Standard specifications DIN ISO EN 10477	breCAM.monoCOM	breCAM.multiCOM	breCAM.multiCOM ⁺
Density [g/cm ³]	---	1.18	1.18	1.18
Bending strength [Mpa]	≥ 50	> 100	> 100	> 110
Modulus of elasticity [Mpa]	N/A	> 2.200	2.740	2.840
Elongation at break [%]	N/A	---	7.6	> 10
Breaking load 3gl.-Bridge [N]	N/A	---	783	863
Water absorption [µg/mm ³]	< 40	≥ 25	20	18
Water solubility [µg/mm ³]	< 7,5	≥ 4.5	< 0,8	0
Residual monomer content [%]	N/A	< 0.9	1.4	1.8

* Typical values from own measurements.

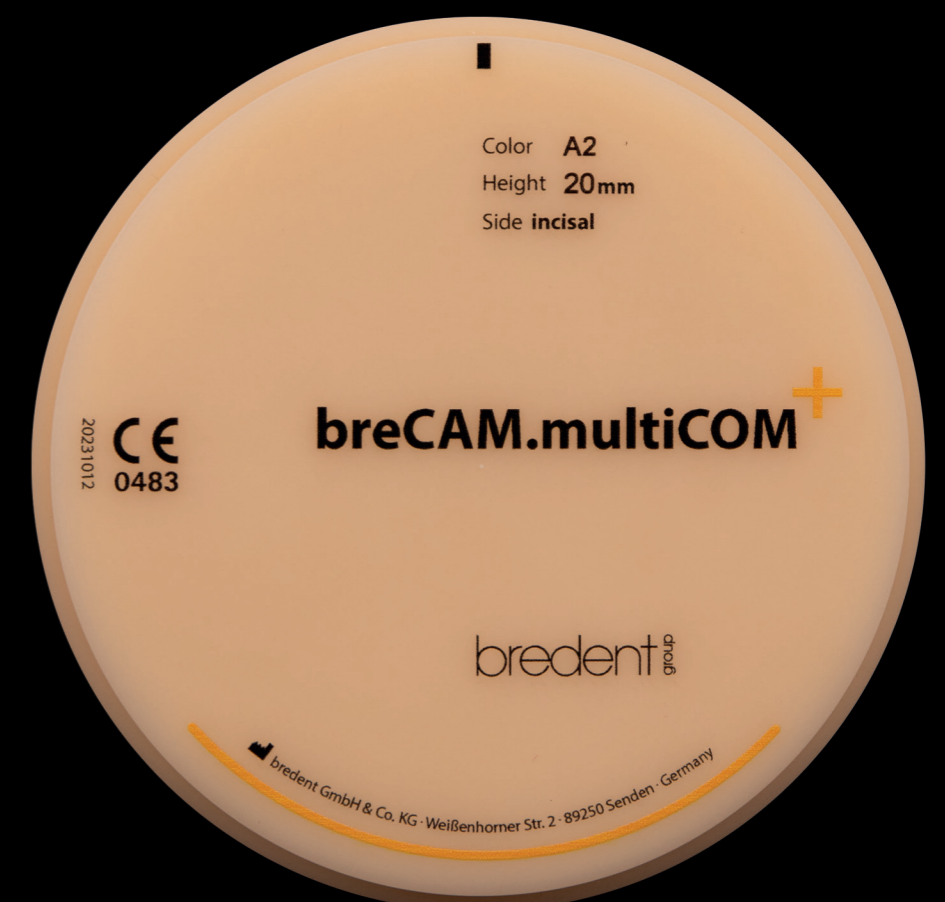
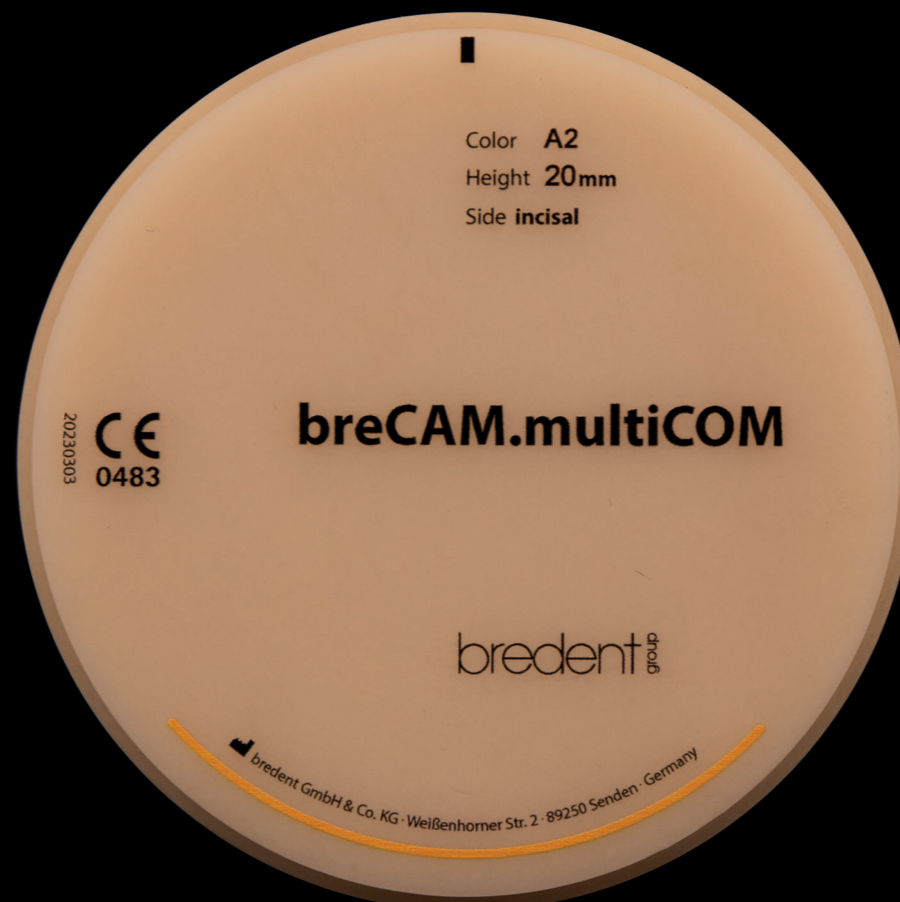
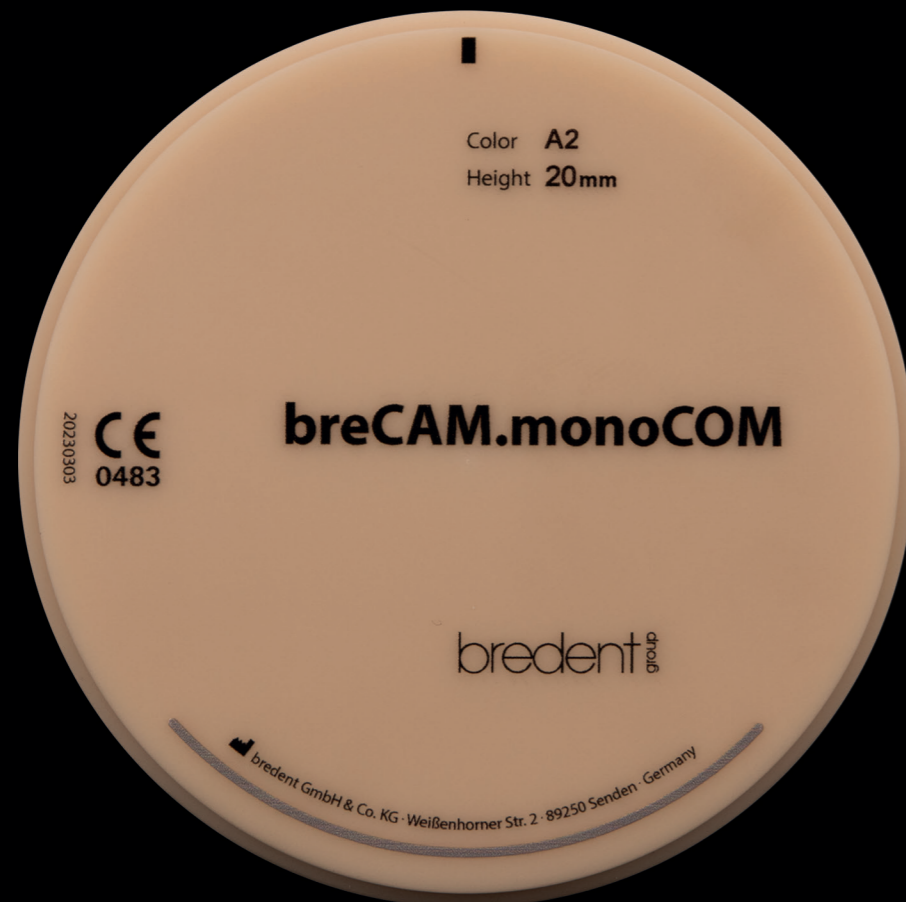


breCAM.monoCOM — **breCAM.multiCOM**
(not polished) (not polished)



breCAM.multiCOM — **breCAM.multiCOM⁺**
(not polished) (not polished)

bre.CAM.PMMA materials





Discover:
right now:



SCAN ME!



<https://ifu.bredent-group.com/>

Simple download of instructions for use using a standard PC or mobile device and Adobe Acrobat Reader software. Free of charge at: <https://get.adobe.com/reader/>. A printed version is available from the manufacturer within 7 days (in case of shipment to the EU).



0091 207GB - 20240808 Subject to technical changes.

50 years of bredent

bredent group