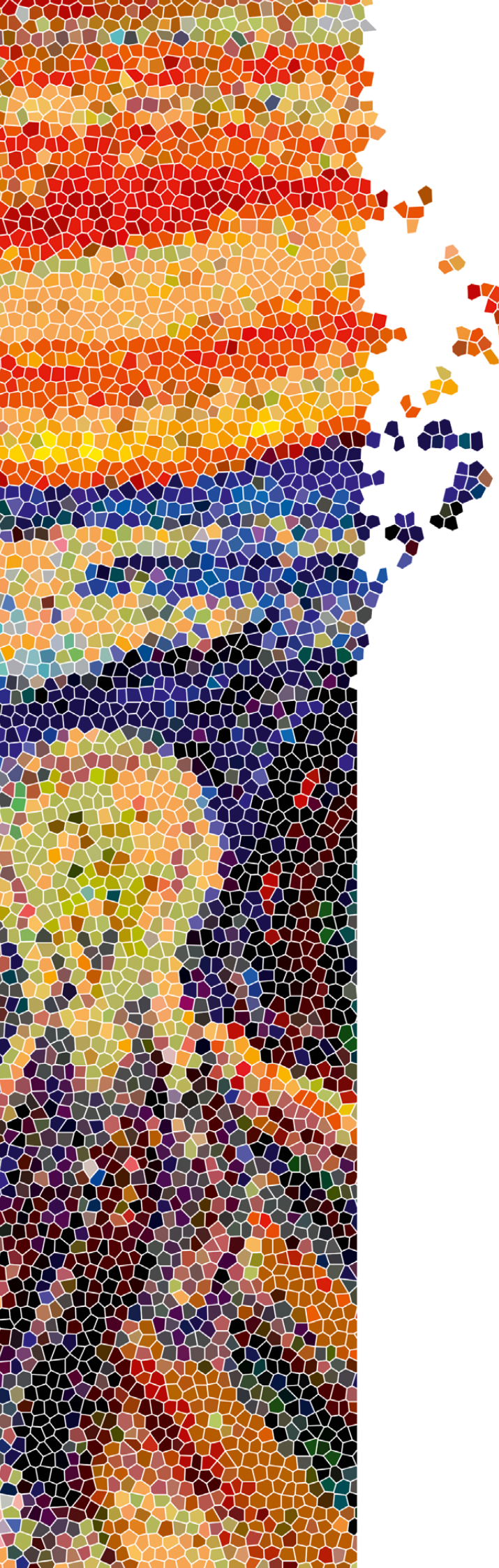


The Modern Art of Composite

Ecosite Elements · Ecosite Bulk Fill · Ecosite Bond



Ecosite.

One collection for everything.

A quick, straightforward and reliable way of handling any required filling. Whatever the indication. Whatever the technique. The Ecosite collection from DMG offers everything you need:

- ▶ an innovative composite system for the highest aesthetic standards.
- ▶ a bulk fill-material for one-step posterior fillings.
- ▶ A modern adhesive with total freedom.

Discover the modern art of the composite.
with the top-quality materials of the Ecosite collection.

Composite? Ecosite.

Ecosite Elements

Fundamental composites – perfect results, amazing simplicity

Ecosite Elements works with an innovative NC1 material structure, an intelligent shade selection and exceptional handling. Intuitive, esthetic and reliable. Precisely engineered and absolutely practical. For superb results. Every day.

- 98% of all typical treatments with only one material
- Intuitive and easy shade selection
- Exceptional handling for maximum safety and precision

Ecosite Bulk Fill

For quick restorations , without layering, especially in the posterior region

- Reliable complete curing of 5 mm layers in just 20 seconds
- Any standard VITA shade can be achieved using just one universal shade
- High degree of reliability thanks to minimum shrinkage stress

Ecosite Bond

The light-curing universal bond with total freedom

- Modern 1-bottle universal bond
- Freedom of choice when it comes to the etching mode: Total-etch, selective-etch or self-etch
- Suitable for direct restorations of all cavity classes

Ecosite Elements.

Simply expert results.

Ecosite Elements will impress you with perfect results in all areas of application. Fast, flexible, efficient.

Before



Dr Ali Salehi, France; teeth 46 + 47.

After



Result with Pure A3.



Dr Shiraz Khan, UK; tooth 16.



Result with Pure A2 + Highlight Brown.



Erik-Jan Muts, Netherlands; teeth 36 + 37.



Result with Pure A3.5 + Layer Enamel Medium + Highlight Brown.



Max-Richard Seidemmann, Germany; teeth 11 + 21.



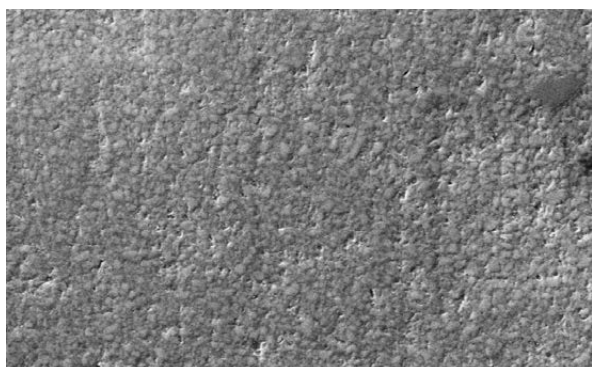
Result with Pure A3 + Layer Enamel Medium.



Exceptional handling. Thanks to NC1 technology.

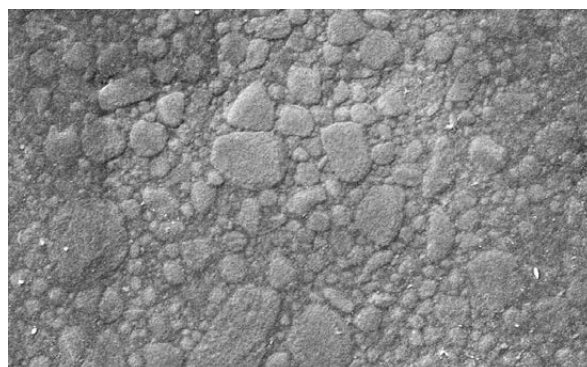
Both Ecosite Elements and Ecosite Bulk Fill feature DMG's own NC1 technology («non-clustering»). The result: Its mechanical values are fully state of the art and are perfectly suited for the anterior and posterior regions. Thanks to the precision silanization of the

individual filler particles, NC1 technology enables a particularly homogeneous distribution and ensures an optimal working quality, maximum polishability and dazzling results.



Ecosite Elements
2000x magnification

Source: Internal images, DMG, 2018

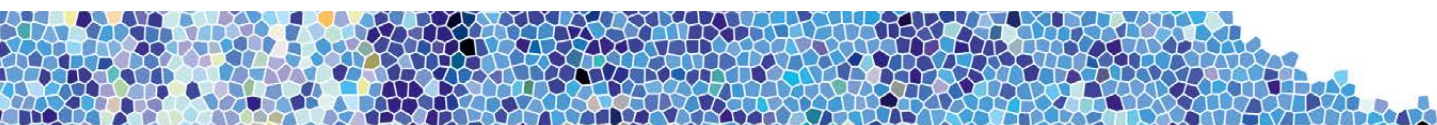


Filtek Supreme XTE (3M ESPE)
2000x magnification

The Push-and-Flow effect...

... ensures that the material adapts to the respective requirements depending on the situation. Firm at the outset, it quickly becomes noticeably softer during modeling. This enables an optimal adaptation to the

cavity walls and the precise reproduction of anatomical features. The Push-and-Flow effect also helps you to avoid bubbles or cracks in the often critical contact surfaces between the individual composite increments.



Intelligent shade system.

Perfected with utmost precision.

Experience the art of perfecting the tried and tested – with its intuitive shade concept, Ecosite Elements offers everything you need to achieve impressive results. Its secret is the intelligent shade combination using a maximum of three modules. It enables natural aesthetic restorations regardless of what technique is used. Intuitive, perfectly practical and at the same time surprisingly efficient.

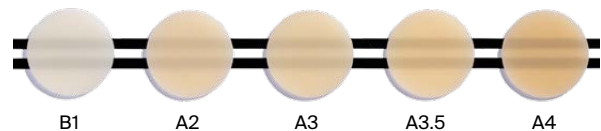
“The *Ecosite Elements system* offers a diverse and user-friendly restoration material. Dentists can provide their patients with a high-quality material that meets their aesthetic demands – even when time is tight.”

Max-Richard Seidemann
Meppen, Germany

Maximum variety of combinations and ultra-fast polishing at all times – the separation into three modules provides for an easy combination of shades to achieve perfect results. Depending on the requirements, you can quickly find exactly what you need for work in the anterior or posterior regions. And thanks to the thin coat provided by our highlight shades it couldn't be easier to recreate the individual character of each tooth. For impressive natural restorations.

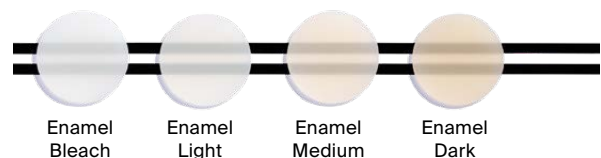
PURE: Five VITA shades

Pure shades help achieve a natural-looking dentin or enamel replacement



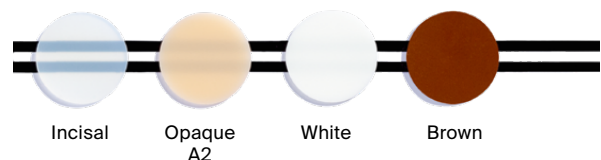
LAYER: Four enamel shades

Layer can be used as an enamel replacement or for the layer technique in combination with Pure



HIGHLIGHT: Four character highlights

Highlight shades for customisation and masking discolourations



Maximum variety of combinations. For every shade and every technique.

The combination options offered by the intelligent shade system and its ultra-high quality composition enables treatments across all indications. Whether anterior or posterior teeth, a monochromatic or

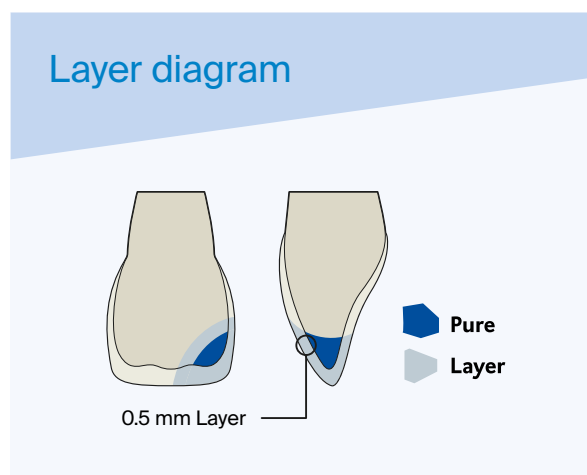
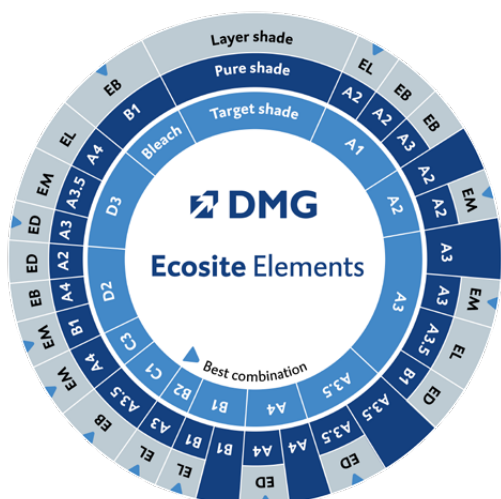
multi-shade technique - Ecosite Elements always provides an impressive, quick, high-gloss polish and an amazing chameleon effect.

An overview of all combination options

Efficient shade selection with the Shade Guide Layer.



The shade wheel links the desired VITA shade with the possible layer combinations.



Ecosite Bulk Fill. Reliable posterior fillings – without layering.

Quick and easy

5 mm in 20 seconds

Standard restorations in the posterior region couldn't be easier. Ecosite Bulk Fill enables impressive restorations in one straightforward step, without any layering. There is no need for a top layer. The material guarantees reliable and complete curing of 5 mm layers – in just 20 seconds.

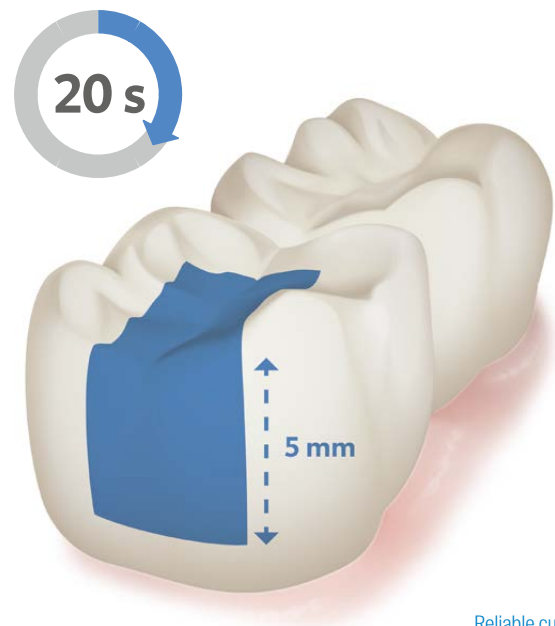
The increased firmness of the packable material ensures straightforward shaping (no "run-off"), reliable contact point formation, significantly reduced reworking – as well as quick and easy post-processing.

"Push and flow"

While very packable, Ecosite Bulk Fill also remains decidedly pliant under shear stress. The result of this Push-and-Flow effect: Handling that couldn't be easier. And maximally controlled adaptation of the material to the cavity walls.

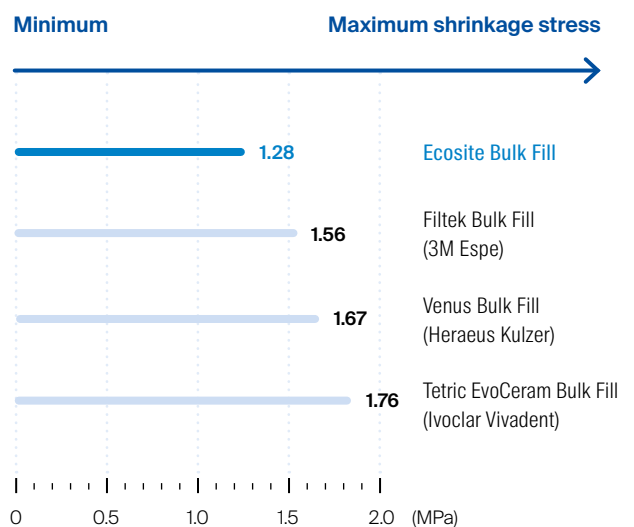
Optimal reliability

The extremely low shrinkage tension values of Ecosite Bulk Fill minimise the shrinkage stress. The nano-hybrid composite also has outstanding mechanical properties. The special NC1 filler technology with a mix of fine glass and nano-fillers makes it possible.



Reliable curing
in only 20 seconds.

Minimum shrinkage stress



Source: Prototech, 2013

Three shades. Endless possibilities.

The Ecosite Bulk Fill shade system couldn't be more intuitive and practical

- **Universal** has a broad range of applications: i.e. it can be used to achieve any standard VITA shade. Thanks to the chameleon effect, the filling adapts itself optimally to the shade of the surrounding tooth structure.
- **Light**, also featuring the chameleon effect, is the expert when it comes to achieving the highest esthetic standards for lighter shade tones.
- **Contrast** is your specialist for core build-up and for all purposes where a contrast with the tooth structure is desirable.



Sample teeth with cavities filled with Ecosite Bulk Fill, shade Universal.

Ecosite Bond. Adhesive with total freedom.

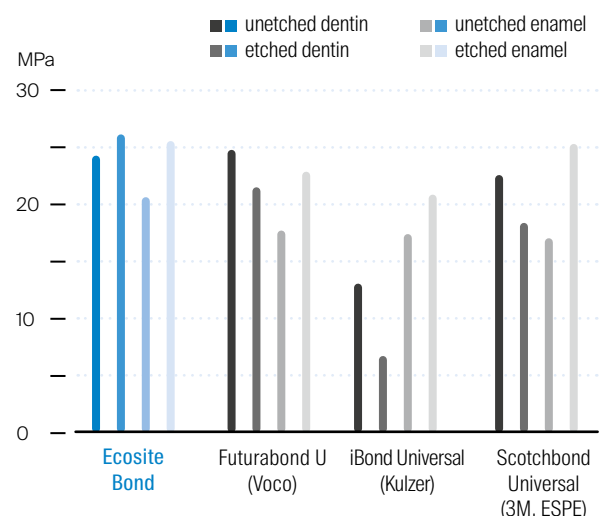
The light-curing 1-bottle universal bond gives you your free choice when it comes to etching mode. Total-etch, selective-etch or self-etch? The choice is yours.

The same goes for the indication: The self-etching, selective enamel etching “etch-and-rinse” adhesive can be used for direct restorations of all cavity classes with light-curing composite materials.

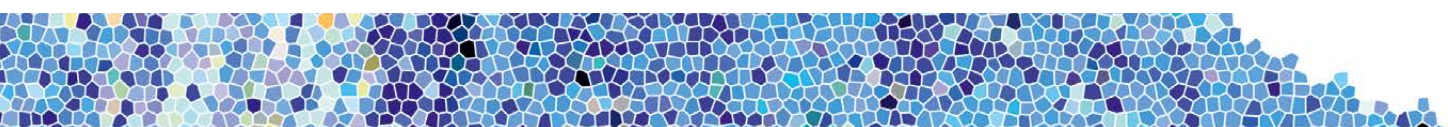
Be on the safe side

Regardless of whether a preliminary phosphoric acid etching or quick self-etch mode is used: Ecosite Bond demonstrates excellent bonding properties in any situation – on both enamel and dentin.

Bonding to enamel and dentin



Source: Internal measurements under ISO 29022, DMG, 2017



Maximal efficiency. from a holistic perspective.

That is why the various modules of Ecosite Elements have been reduced to the essentials and designed to complement one another perfectly. Together with the exceedingly user-friendly Ecosite Bulk Fill and Ecosite Bond this collection offers a modern system for a wide range of indications and any filling task. The ultimate in simplicity and efficiency.

The Ecosite collection also offers more than just the materials. The practice organiser system insert fits in a drawer and provides an overview, making it easy for you to quickly find what you need. The Ecosite Elements shade modules – Pure, Layer and Highlight – are accompanied here by Ecosite Bulk Fill, Ecosite Bond, DMG Etching Gel and various accessories.

And the new, ergonomically optimised Safetip-Dispenser Pro is uncompromisingly user-friendly.



**Ecosite – everything
under control.**



The Ecosite collection.

At a glance.

Product overview

Ecosite Elements

Modules:

Pure

Starter Pack Pure, 5 syringes @ 4 g REF 220800
(B1, A2, A3, A3.5, A4)

Starter Pack Pure, 5 x 16 Safetips @ 0.25 g REF 220804
(B1, A2, A3, A3.5, A4)

Layer

Starter Pack Layer, 4 syringes @ 4 g REF 220802
(Enamel Bleach, Enamel Light, Enamel Medium, Enamel Dark)

Starter Pack Layer, 4 x 16 Safetips @ 0.25 g REF 220806
(Enamel Bleach, Enamel Light, Enamel Medium, Enamel Dark)

Highlight

Starter Pack Highlight, 4 syringes @ 2 g REF 220803
(Incisal, Opaque A2, White, Brown)

Ecosite Elements Refill pack:

1 Syringe @ 4 g, B1	REF 220807
1 Syringe @ 4 g, A2	REF 220808
1 Syringe @ 4 g, A3	REF 220809
1 Syringe @ 4 g, A3.5	REF 220810
1 Syringe @ 4 g, A4	REF 220811
1 Syringe @ 4 g, Enamel Bleach	REF 220812
1 Syringe @ 4 g, Enamel Light	REF 220813
1 Syringe @ 4 g, Enamel Medium	REF 220814
1 Syringe @ 4 g, Enamel Dark	REF 220815
1 Syringe @ 2 g, Incisal	REF 220816
1 Syringe @ 2 g, Opaque A2	REF 220817
1 Syringe @ 2 g, White	REF 220818
1 Syringe @ 2 g, Brown	REF 220819
16 Safetips @ 0.25 g, B1	REF 220820
16 Safetips @ 0.25 g, A2	REF 220821
16 Safetips @ 0.25 g, A3	REF 220822
16 Safetips @ 0.25 g, A3.5	REF 220823
16 Safetips @ 0.25 g, A4	REF 220824
16 Safetips @ 0.25 g, Enamel Bleach	REF 220825
16 Safetips @ 0.25 g, Enamel Light	REF 220826
16 Safetips @ 0.25 g, Enamel Medium	REF 220827
16 Safetips @ 0.25 g, Enamel Dark	REF 220828

Ecosite Elements Bundles

Bundle S:

1 Starter Pack Pure + 1 Starter Pack Layer REF 111260 (Syringes)
+ Shade Guide Layer REF 111261 (Safetips)

Bundle XL:

1 Starter Pack Pure + 1 Starter Pack Layer REF 111262 (Syringes)
+ 3 Refill packs @ 4 g (A2, A3, A3.5) REF 111263 (Safetips)
+ drawer insert + 1 Shade Guide Layer

Ecosite Bulk Fill

Packaging:

1 Syringe @ 4 g, Light	REF 220752
1 Syringe @ 4 g, Universal	REF 220753
1 Syringe @ 4 g, Contrast	REF 220754
16 Safetips @ 0.25 g, Light	REF 220755
16 Safetips @ 0.25 g, Universal	REF 220756
16 Safetips @ 0.25 g, Contrast	REF 220757



Ecosite Bond

1 Bottle @ 5 ml Ecosite Bond REF 220758

Accessories:

1 Safetip Dispenser Pro	REF 220829
20 Luer-Lock Tips Silver	REF 220712
1 Ecosite Elements Shade Guide Pure	REF 220832
1 Ecosite Elements Shade Guide Layer	REF 220833
1 Ecosite Elements drawer insert	REF 220834



More info at:
www.dmg-dental.com/composite

A smile ahead
together



DMG

Chemisch-Pharmazeutische Fabrik GmbH

Elbgastraße 248 22547 Hamburg Germany

Fon: +49. (0) 40. 84 006-0 Fax: +49. (0) 40. 84 006-222

info@dmg-dental.com www.dmg-dental.com

www.facebook.com/dmgdental

