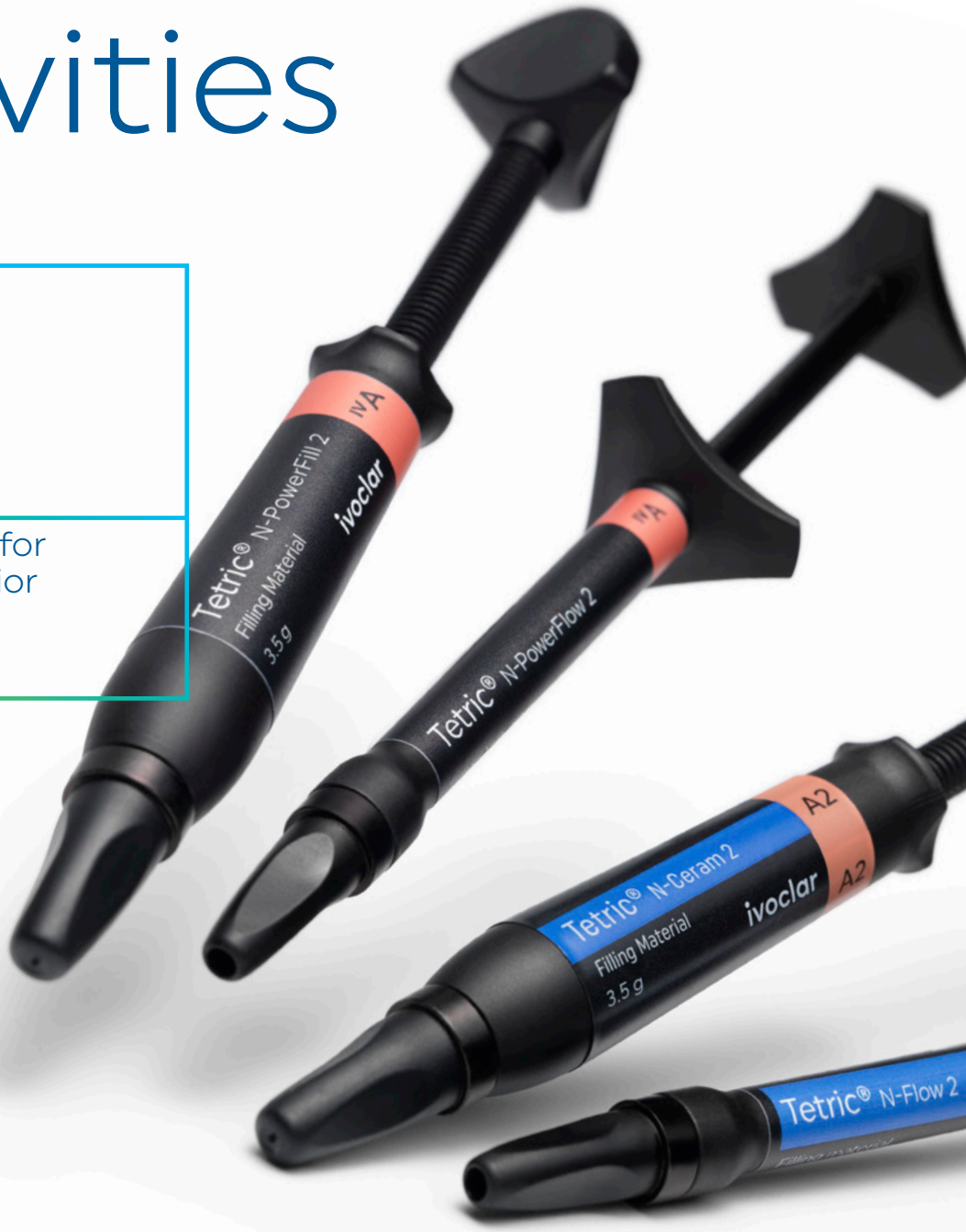
ivoclar

The efficient solution for all cavities

Tetric® N2-Line

The composite line for anterior and posterior restorations

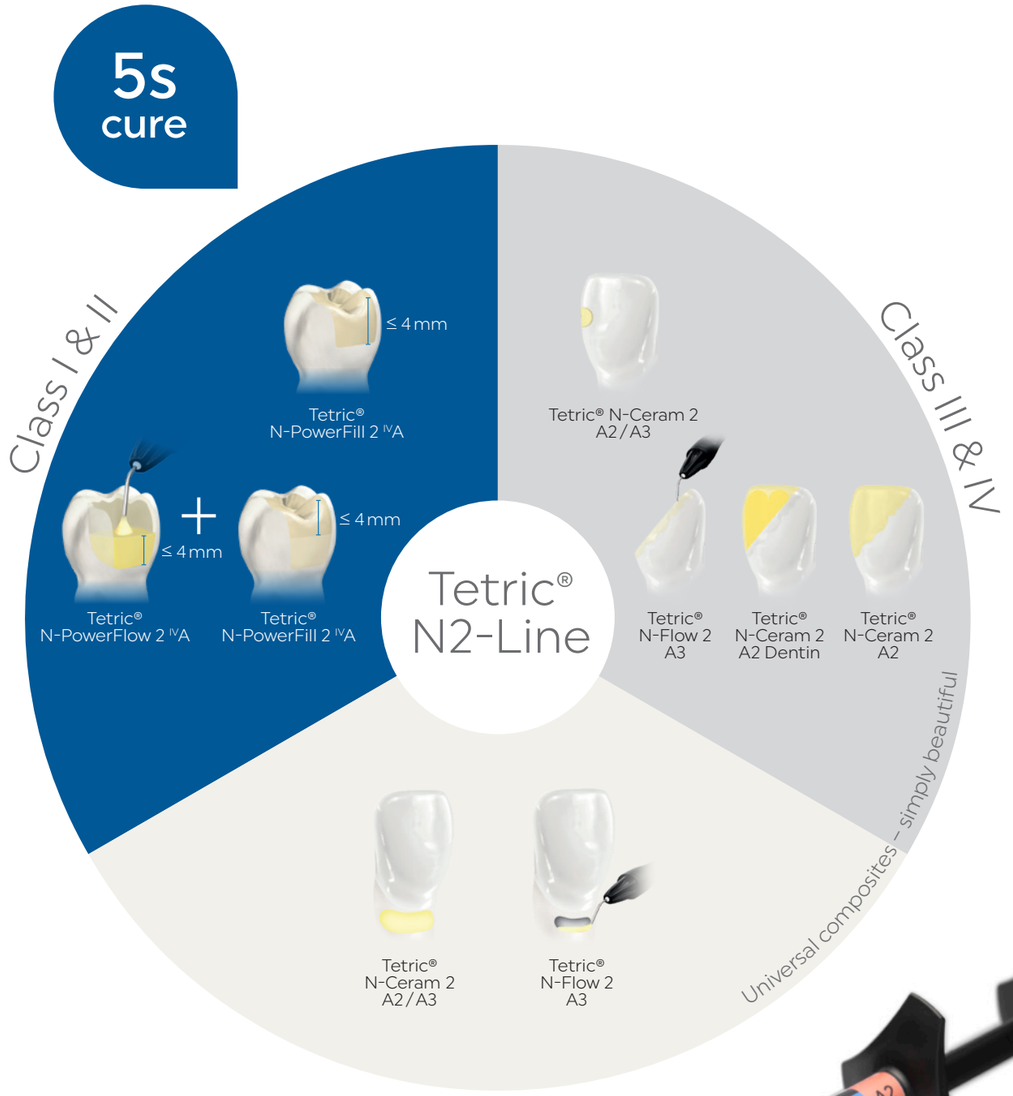


Making People Smile

The efficient solution for all cavities [1]

The Tetric® N2-Line is comprised of four coordinated composites for direct restorative treatment. It combines tried-and-tested quality with modern technology.

Four composite materials are all you need for an efficient restorative workflow for all cavity classes [1].





Esthetics

True-to-nature esthetics

- **Tetric N-Ceram 2 and Tetric N-Flow 2** allow you to create natural-looking restorations in **anterior and posterior teeth**.
- The 4-mm composites **Tetric N-PowerFlow 2 and Tetric N-Power-Fill 2** provide true-to nature esthetics in the **posterior region**.

Quality

160 million fillings [2]

- The Tetric N2-Line offers you **tried-and-tested quality** based on long-standing expertise.
- The composites are characterized by their good **adaptability** and **durability**.
- Due to their high **radiopacity**, the materials are clearly visible on X-rays.

Efficiency

Up to 51% time savings [3]

- All different consistency and shade variants of the Tetric N2-Line composites **are optimally coordinated with each other** and enable successful processing and application.
- They are **easy to handle** and achieve a reliable depth of cure **in short exposure times starting from 5 seconds.**
- Using the 4-mm composites lead to **a reduced treatment time by up to 51%** [3] when used with complementary products from Ivoclar.

[1] Cavity classes I-V according to G.V. Black
[2] based on worldwide sales figures for the Tetric N product line
[3] Only suitable for Class I & II restorations in posterior teeth light-cured from the occlusal aspect.

Tetric N-Ceram 2 for esthetic results

Tetric N-Ceram 2 is a sculptaple universal composite for anterior and posterior restorations.

Because of the material's pronounced chameleon effect and very good handling properties, it is particularly suitable for rebuilding lost tooth structure in the highly visible anterior region. In most cases, you will need to apply only one shade-matched material to achieve natural esthetics.



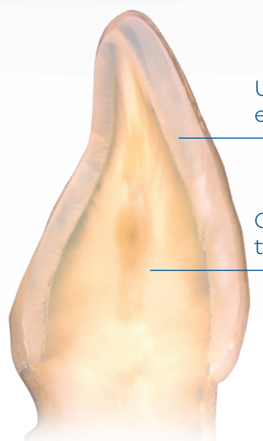
Esthetics – Quality – Efficiency

- Natural shade blend due to the pronounced chameleon effect
- Universally applicable enamel shades for small defects and direct veneers
- Dentin shades showing low translucency for restoring large defects and fulfilling high esthetic expectations
- Low susceptibility to fracture due to high flexural strength [4]
- Very good handling properties: Easy to contour as a result of low stickiness, good brushability and creamy consistency
- Efficient and easy polishing for a lustrous surface
- Easy to distinguish on X-rays due to high radiopacity

[4] According to ISO 4049

How does natural shade blend work?

As a result of the special monomer and filler blend of our universal composites, the materials are capable of adapting their light-optical properties to those of the surrounding tooth structure.



Universal enamel shade showing an enamel-like translucency of 11.5%

Optional dentin shades featuring a dentin-like translucency of 7% for large defects

Source: R&D Ivoclar Vivadent, Liechtenstein

Tetric N-Flow 2 for precise application

Tetric N-Flow 2 is a flowable universal composite for the anterior and posterior region.

Tetric N-Flow 2, like Tetric N-Ceram 2, is characterized by its pronouced chameleon effect along with its very good and easy handling properties. Tetric N-Flow 2 can be applied very precisely and is therefore suitable for creating minimally invasive anterior restorations and for use as a liner.

Anterior restoration



Preoperative situation: Secondary caries in tooth 12
Source: Dr Tatiana Repetto-Bauckhage, Ivoclar Vivadent, Liechtenstein



Final situation

Esthetics – Quality – Efficiency

- Natural shade blend due to the pronounced chameleon effect
- Universally applicable enamel shades for small defects and direct veneers
- Dentin shades showing low translucency for concealing stains and for fulfilling demanding esthetic expectations
- Low susceptibility to fracture due to high flexural strength [5]
- Precise application due to thixotropic consistency
- Easy to distinguish on X-rays due to high radiopacity

[5] According to ISO 4049

Tetric N-Flow 2 has a thixotropic consistency

It is flowable under pressure, yet it remains stable when handled. Therefore, it enables you to work with high precision. This characteristic allows the product to adapt closely in narrow and thinly tapering areas. The product remains in place where it has been applied.



Tetric N-PowerFlow 2 for fast volume replacement

Tetric N-PowerFlow 2 is a flowable 4-mm composite for true-to-nature esthetic results in the posterior region.

The material is characterized by low shrinkage, optimum flexural strength [6] and reliable depth of cure. Therefore, the performance of Tetric N-PowerFlow 2 is just as impressive as that of conventional composites. As a result of its great adaptation to cavity walls, the product is suitable for repairing deep cavities. We recommend using Tetric N-PowerFlow 2 in combination with Tetric N-PowerFill 2. It can also be used together with Tetric N-Ceram 2.

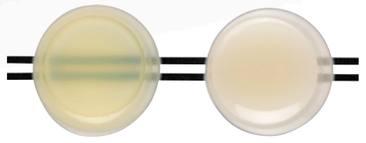


Esthetics – Quality – Efficiency

- True-to-nature esthetics for posterior restorations due to Ivocerin [7, 8] and Aessencio technology
- Reliable curing of increments of up to 4 mm in thickness
- Low susceptibility to process-related air entrapment
- Great adaptation to cavity walls due to its self-levelling effect
- Effective combination with Tetric N-PowerFill 2 and Tetric N-Ceram 2

Patented light initiator Ivocerin [7, 8] and Aessencio technology

Ivocerin ensures a reliable depth of cure of composite layers of up to 4 mm. The Aessencio technology is responsible for gradually increasing the opacity of the initially translucent 4-mm composites during the light polymerization process. Ultimately, the materials attain the translucency levels of enamel and dentin and therefore assume a true-to-nature esthetic appearance.



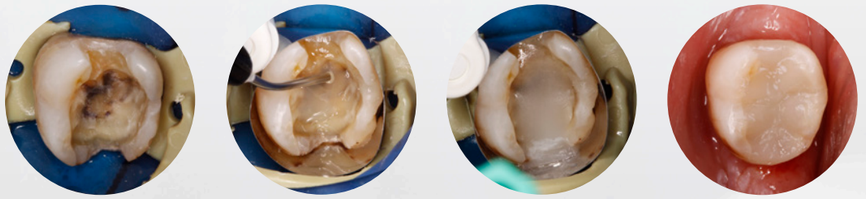
Before and after polymerization

[6] According to ISO 4049
[7] Ganster B et al., New photocleavable structures, 4. Acylgermane-based photoinitiator for visible light-curing, Macromolecular Rapid Commun, 2008, 29, 57-62
[8] Ganster B et al., New photocleavable structures, Diacylgerman-based photoinitiator for visible light-curing, Macromolecules, 2008, 41, 2394-2400.

Tetric N-PowerFill 2 for easy contouring

Tetric N-PowerFill 2 is a sculptable 4-mm composite for true-to-nature esthetic results in the posterior region.

Similar to Tetric N-PowerFlow 2, Tetric N-PowerFill 2 is characterized by reliable depth of cure, low shrinkage and optimum flexural strength [9]. In short, the performance of Tetric N-PowerFill 2 is just as impressive and esthetic [10] as with conventional composites. The low stickiness of Tetric N-PowerFill 2 facilitates the creation of anatomical structures.



Preparation with pigmented dentin. | Applying 4-mm composite before polymerization. | Applying 4-mm composite after polymerization with dentin translucency. | Immediately after finishing. Tooth dehydrating.

Source: Dr Tatiana Repetto-Bauckhage, Ivoclar Vivadent, Liechtenstein

Posterior tooth restoration made with Tetric N2-products

The images speak for themselves. Even when they are applied in layers of up to 4 mm, N-PowerFlow 2 and Tetric N-PowerFill 2 are capable of achieving highly esthetic results in posterior teeth.

Esthetics – Quality – Efficiency

- True-to-nature esthetics for posterior restorations due to Ivocerin [11, 12] and Aessencio technology
- Reliable depth of cure of increments of up to 4 mm in thickness
- Low susceptibility to process-related air entrapments [13]
- Easy creation of anatomical structures due to low stickiness
- Effective combination with Tetric N-PowerFlow 2



[9] According to ISO 4049
[10] In the posterior region
[11] Ganster B et al., New photocleavable structures, 4. Acylgermane-based photoinitiator for visible light curing, Macromolecular Rapid Commun. 2008, 29, 57-62.
[12] Ganster B et al., New photocleavable structures, Diacylgerman-based photo-initiator for visible light curing, Macromolecules 2008, 41, 2394-2400.
[13] Hirata R, Effect of sonic resin composite delivery on void formation assessed by micro-computed tomography, Operative Dentistry 2018, 43-2, 144-150, additional data on file.

Elevate your artistry with our new characterization materials

With the new flowable characterization materials Tetric N-Effect 2, Tetric N-Color 2 and Tetric N-Opaque 2, you now have the ability to customize different anatomical layers in anterior and posterior restorations with great precision. This is possible with a selected variety of shades, opacity levels, and translucencies. The materials are easily applied directly underneath the final covering layer for lifelike features.

New to the portfolio

Esthetics - Quality

- ✔ Customized restorations with maximum attention to detail for the reproduction of lifelike features
- ✔ Long-lasting and unique natural results through lifelike shades
- ✔ The special Trans Opal material allows you to produce an opalescent effect and true to nature results.
- ✔ Easy and secure application just under the final covering layer for sophisticated requirements

Recreate opalescence

The opalescent effect of the dental enamel is reflected in the bluish, translucent appearance of the incisal edge. With Tetric N-Effect 2, this effect can be precisely recreated in just one step.



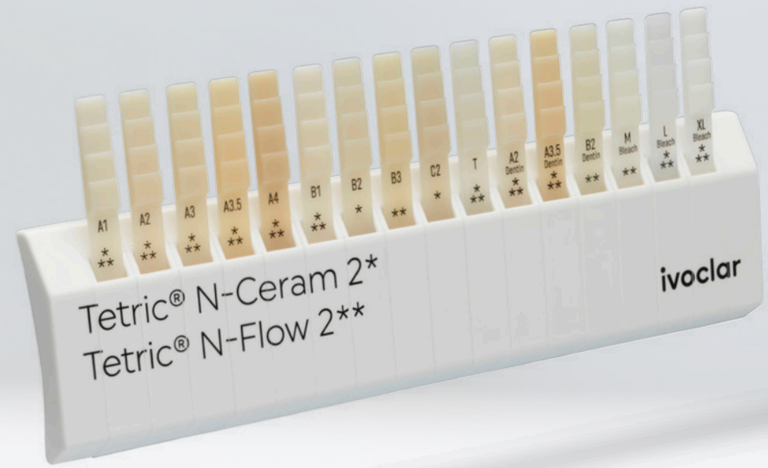
For precise characterizations, these materials and shades are available:

765185AN	Tetric N-Color 2 Refill 1x1g White
765186AN	Tetric N-Color 2 Refill 1x1g Ochre
765187AN	Tetric N-Color 2 Refill 1x1g Brown
765188AN	Tetric N-Effect 2 Ref 1x1.8g Trans Opal
765189AN	Tetric N-Opaque 2 Refill 1x1.8g

Tetric N2-Line shade selection for esthetic restorations

The shade guide for the Tetric N2-Line comprises the following universal shades:

Tetric N-Ceram 2	Tetric N-Flow 2	Tetric N-PowerFill 2	Tetric N-PowerFlow 2
A1, A2, A2 Dentin, A3, A3.5, A3.5 Dentin, A4, B1, B2, C2, T, Bleach L, Bleach XL	A1, A2, A2 Dentin, A3, A3.5, A3.5 Dentin, A4, B1, B2 Dentin, B3, T, Bleach M, Bleach L, Bleach XL	ivA, ivB, ivW	ivA, ivB, ivW



Explore more!

You will find more information about our Tetric N2-Line products, including videos and additional documents on our website:
ivoclar.com/tetric-n2-line

Increase your efficiency

Fewer steps thanks to 4-mm increments

Tetric N-PowerFill 2 and Tetric N-PowerFlow 2 increase the efficiency of your workflow – whilst maintaining your customary high quality and esthetic standard. Since you can apply Tetric N-PowerFill 2 and Tetric N-PowerFlow 2 in increments of up to 4 mm, you need to use fewer layers compared to conventional filling techniques. In cavities of up to 4 mm in depth, one layer will be adequate.

Reduce your treatment time in the posterior region by up to 51% using our 4-mm composites and complementary products from Ivoclar [14].

Up to 51% time savings

Short curing times starting from 5 seconds*

With a light intensity of 2,000 mW/cm², light-curing devices such as Bluephase® N G4 enable short curing times of just 5 seconds.

Light intensity	Exposure time
500 – 900 mW/cm²	20 seconds
1,000 – 1,300 mW/cm²	10 seconds
1,800 – 2,200 mW/cm²	5 seconds

For permanent teeth only.
For deciduous teeth please see Instructions for Use.

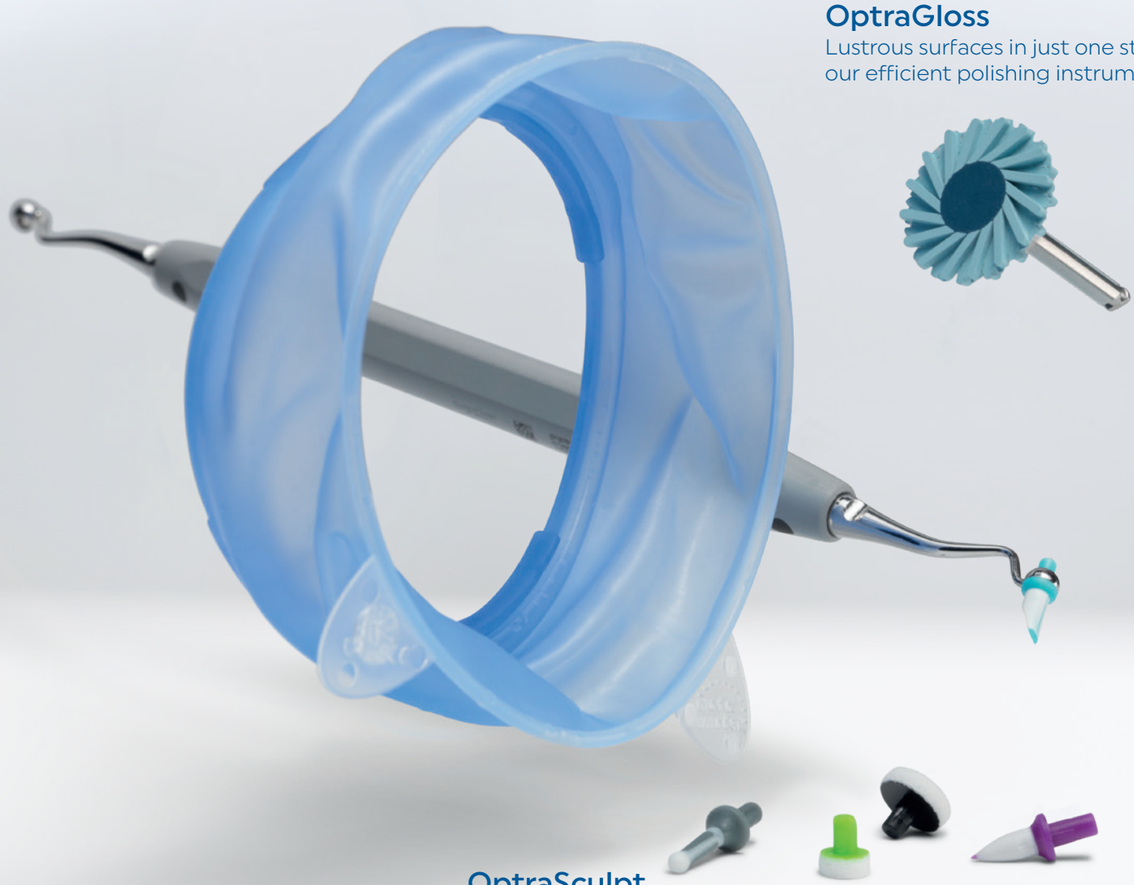
[14] Only suitable for Class I & II restorations in posterior teeth light-cured from the occlusal aspect.

* Tetric N-Effect 2, Tetric N-Color 2: curing times starting from 10 seconds. Tetric N-Opaque 2: curing times starting from 20 seconds. Refer to the Instructions for Use.

Boost your workflow with our clinical accessories

OptraGate
Moisture control made easy – our unique latex-free lip and cheek retractor

OptraGloss
Lustrous surfaces in just one step – our efficient polishing instruments



OptraSculpt
For time-saving contouring and modulation of materials – our instruments with non-stick properties

Direct restoratives for efficient esthetics

With the Efficient Esthetics portfolio we aim to help you enhance your efficiency in the fabrication of esthetic restorations. Efficient treatment procedure – from preparation to restoration care.



Isolate

Comfortable relative isolation
with OptraGate



Bond

Efficient bonding with
Tetric N-Bond Universal



Restore

Tetric N2-Line –
the efficient solution for all cavities



Cure

High curing performance delivered
by Bluephase N G4



Polish

Lustrous surfaces produced with OptraGloss



Protect

Effective prevention with Fluor Protector S

The range of available products may vary from country to country.

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