

Tetric[®] N-Line

High-quality composites for esthetic anterior and posterior restorations



One efficient solution
for all
cavity classes

MORE THAN
90 MIO
RESTORATIONS PLACED*

* Based on sales figures.

ivoclar
vivadent[®]
passion vision innovation

The right combination for every situation

One-step posterior tooth
filling made of
Tetric® N-Ceram Bulk Fill



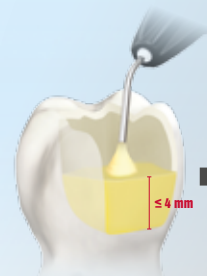
Dr Eduardo Mahn, 2015
Santiago, Chile



Tetric® N-Ceram Bulk Fill

Class I & II

One-step efficiency
Tetric® N-Ceram Bulk Fill



Tetric® N-Flow Bulk Fill



Tetric® N-Ceram

Efficiency and
full selection of shades

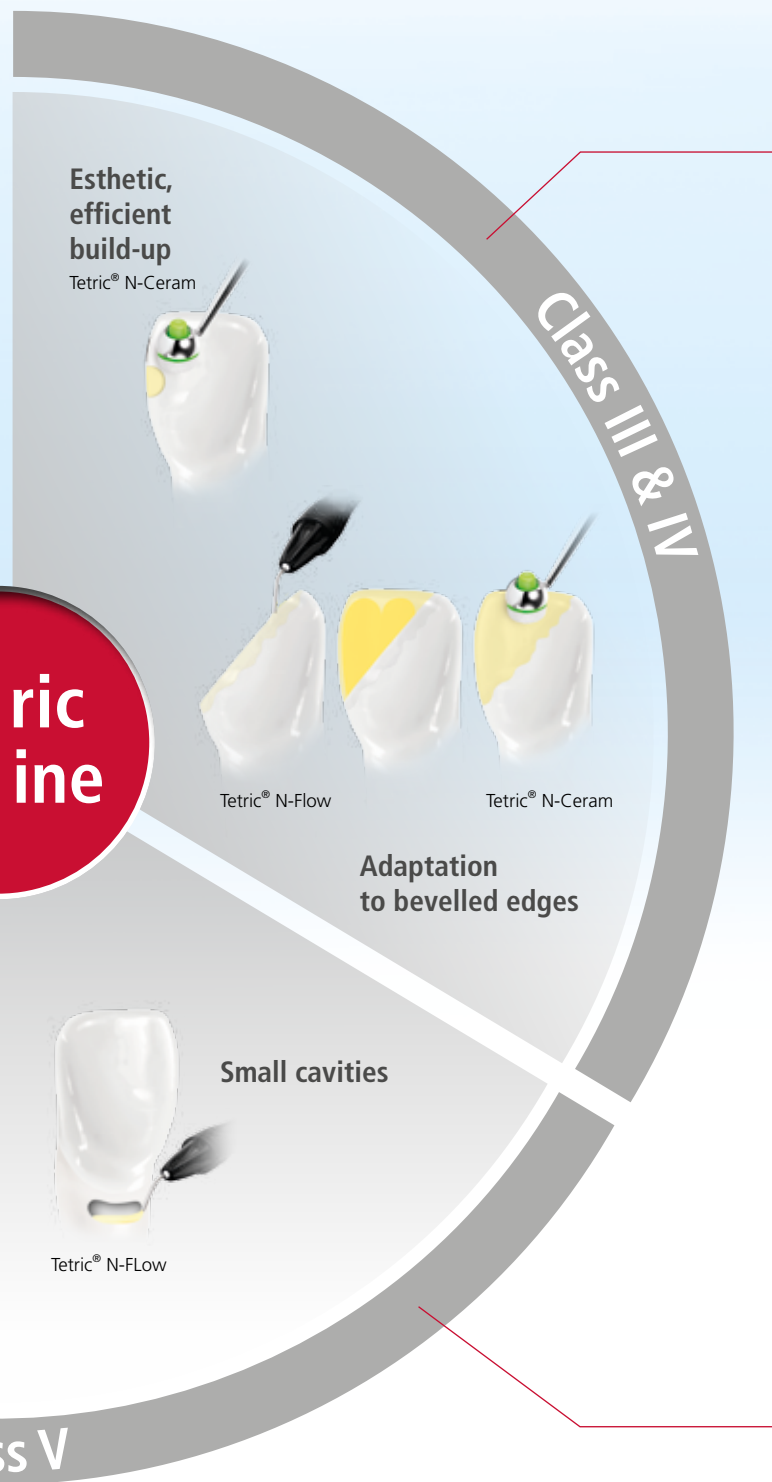
Large cavities



Tetric® N-Ceram

Tetric®
N-L

Class



Fractured anterior tooth restored with Tetric® N-Ceram



Dr Ali Haydar Özoğlu, 2013
Adana, Turkey



Tetric® N-Ceram

Cervical filling placed with Tetric® N-Flow



Dr Lukas Enggist, 2014
Ivoclar Vivadent AG, Schaan, Liechtenstein



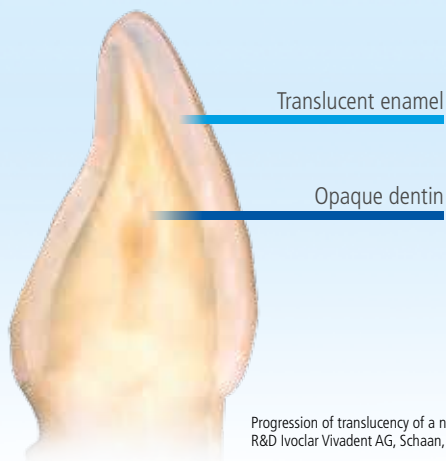
Tetric® N-Flow

Tetric® N-Ceram and Tetric® N-Flow

The esthetic solution for all cavity classes in anterior and posterior teeth

Due to their lean shade range and innovative technology, Tetric® N-Ceram and Tetric® N-Flow are economical and esthetic composites that satisfy the demands of all cavity classes in routine dental work.

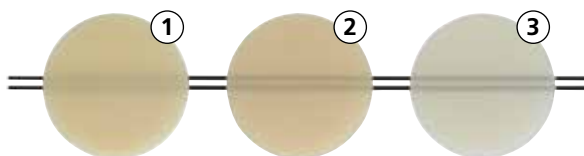
The Tetric N-Ceram shade range comprises ten Enamel materials. Depending on the requirements, they can be combined with two Dentin, one Transpa or three Bleach shades.



Progression of translucency of a natural tooth,
R&D Ivoclar Vivadent AG, Schaan, 2016

The Enamel materials exhibit a “chameleon effect” due to their low translucency of 11.0% - 12.5%, their special filler composition and nanoparticle pigments. As a result, the Enamel materials can be used as universal composites. The additional use of a more opaque Dentin material such as Tetric N-Ceram Dentin is only indicated if large defects or stained areas need to be treated.

Tetric® N-Ceram – Graduated translucency for easy build-up using only a few materials



1. Dentin B2 6.5 – 7.5%
2. A2 11.0 – 12.5%
3. T 14.0 – 16.0%

Efficient layering in Class III and IV cavities using Tetric® N-Ceram

Tetric® N-Ceram allows you to produce anterior restorations with only two different shades. The opaque dentin core and the enamel layer are easy to recreate due to the optimally matched translucency levels.

Layering example using shade A2



1. Build-up of the palatal wall with a thin layer of Tetric N-Ceram A2

2. Creation of the mamelons and coverage of a third of the preparation border with Tetric N-Ceram B2 Dentin

3. Sculpting of the final enamel layer using Tetric N-Ceram A2

White spots and other effects are imitated with the Bleach and Transpa materials.

The flowable product Tetric N-Flow is suitable for producing thinly tapering areas. As a result of the thixotropic Viscosity Controller, Tetric N-Flow is flowable when desired and stable when required.

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If you are looking for a composite with which you can place all kinds of direct restorations in anterior and posterior teeth, you need look no further than Tetric N-Ceram. The composite is easy to handle and features a high-gloss surface. It can be layered in one or several colours and shows good colour adaptation. It has a successful 10-year track record and produces long-lasting restorations. That's why Tetric N-Ceram is my go-to composite material in the clinic.

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Dr Ali Haydar Özoğlu
Adana, Turkey

Sophisticated technology imparts superb properties

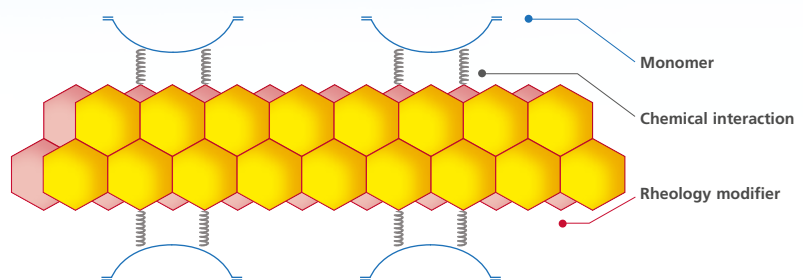
OPTIMIZED
HANDLING CHARACTERISTICS

Easy to shape, yet sufficiently stable due to a rheology modifier

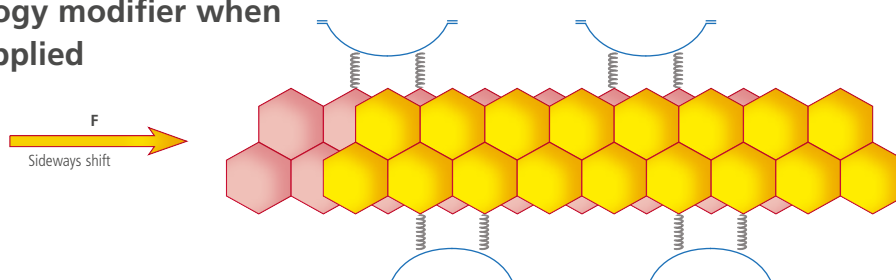
In order to faithfully reconstruct the anatomical tooth structure, sculptable composites should readily adapt to cavity walls, be easy to shape and demonstrate adequate stability. Tetric N-Ceram contains a rheology modifier, which imparts the material with these essential properties.

It acts like a type of lubricant within the composite and is responsible for the excellent moulding characteristics of the material. The chemical interaction between the monomer chains and the rheology modifier ensures the desirable stability of the composite.

Rheology modifier integrated in the composite resin



Slight shift of plates within the rheology modifier when force is applied



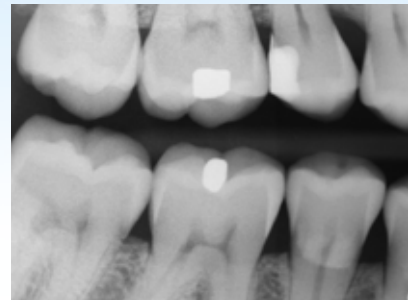
High quality for long-lasting restorations

Tetric N-Ceram is characterized by its excellent esthetic properties and easy handling as well as its clinical longevity. The optimum combination of the glass fillers, spherical mixed oxides and the shrinkage stress reliever ensure high strength and minimal wear - a sound basis for long-lasting restorations and consequently satisfied patients.



Visibility on X-rays

Tetric N-Ceram is highly radiopaque (400% Al), since it contains barium glass fillers and ytterbium trifluoride. Therefore, Tetric N-Ceram is easy to distinguish from the tooth structure.



Source: Tooth 1.5 Tetric® N-Ceram, Dr Tatiana Repetto-Bauchhage Ivoclar Vivadent AG, Schaan, Liechtenstein, 2015



Tetric N-Line has been a part of our day-to-day practice for almost a decade now. The long-lasting esthetics achieved with the Tetric N-Ceram composite range helps us to exceed the expectations of our patients. The high quality of the composite is the secret behind the smiles we create.



Prof. Mohan Bhuvaneshwaran
Chennai, India

Tetric® N-Flow Bulk Fill and Tetric® N-Ceram Bulk Fill

The esthetic and efficient solution for Class I and II cavities

The Tetric N-Line comprises not only conventional, but also bulk-fill composites with which cavities of a depth of 4 mm can be filled using only one layer of restorative material. As a result, esthetic results are achieved in up to 55%* less time than that required for the conventional technique.

Tetric N-Ceram Bulk Fill and Tetric N-Flow Bulk Fill are available in three universal shades: ^{IV}A, ^{IV}B and ^{IV}W**. Depending on the clinical situation at hand, the two bulk-fill materials can be combined with Tetric N-Flow or Tetric N-Ceram.

Save
55%
on time*

and achieve amazing results

Fewer working steps in the **bulk-fill technique***

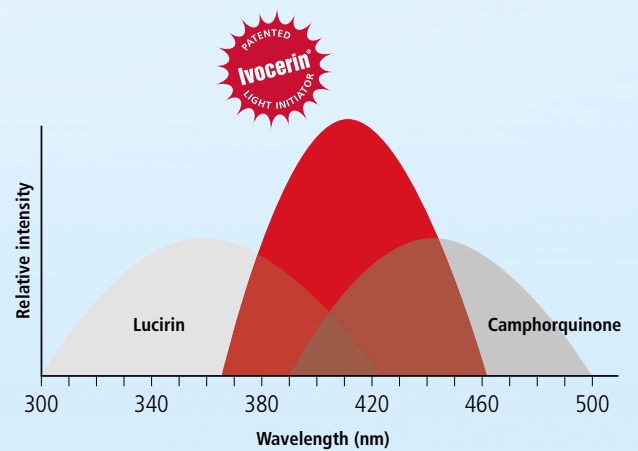


* Compared with Tetric® N-Flow and Tetric® N-Ceram
Data available on request

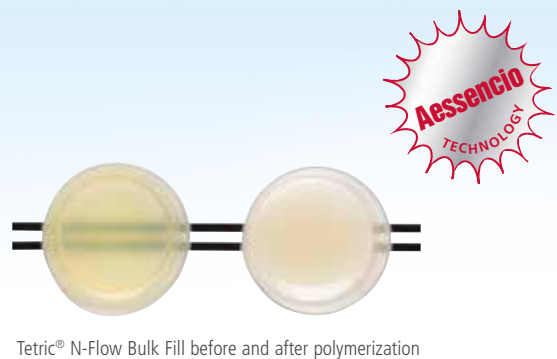
** IV is the abbreviation of Ivoclar Vivadent

Saves time and looks natural due to innovative technology

Tetric N-Ceram Bulk Fill and Tetric N-Flow Bulk Fill both contain the new light initiator called Ivocerin®. As a result of its higher photo-reactivity compared with the initiators contained in other bulk-fill materials, the opacity of the composite resin is also slightly higher. Therefore, Tetric N-Ceram Bulk Fill has an enamel-like translucency of 15%, which allows the material to blend in seamlessly with the surrounding dental tissue on unstained dentin.



In contrast, the flowable Tetric N-Flow Bulk Fill exhibits a dentin-like translucency. The new Aessencio technology is responsible for lowering the translucency of the material from a high 28% to a dentin-like 10% during the polymerization process. Discoloured dentin can be effectively concealed, creating a more esthetic basis for the restoration compared with conventional flowable bulk-fill materials.



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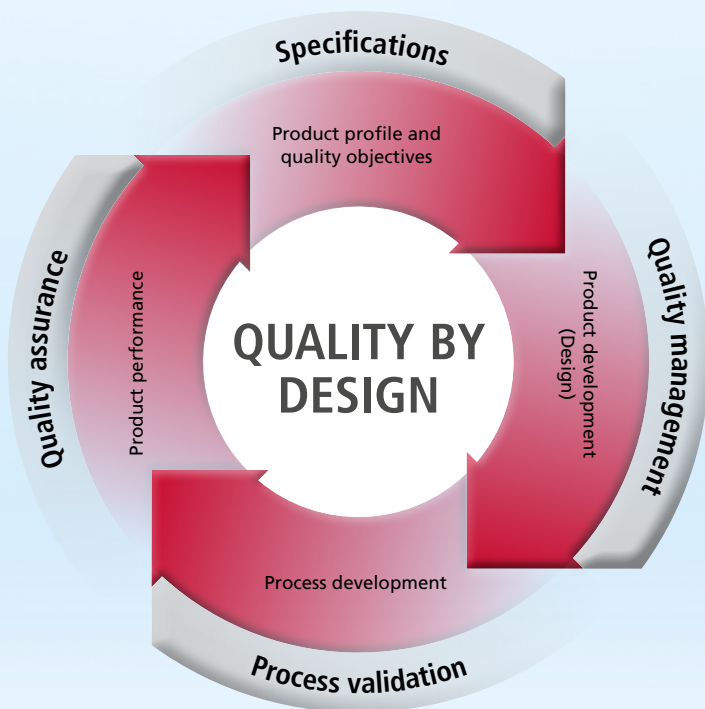
Tetric N-Ceram Bulk Fill and Tetric N-Flow Bulk Fill provide me with the perfect combination of esthetics and efficiency. I am able to produce all my fillings with a maximum of two steps.

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Dr Eduardo Mahn
Santiago, Chile

High product quality for reliable results



Beautiful and healthy teeth considerably contribute to a person's well-being and good health. A direct composite filling placed with state-of-the-art materials will last many years. Consequently, it is important to use high-quality, yet easy-to-use materials.

The Quality-by-Design principle has been developed with the aim of maintaining the exceptional high quality standards of the Tetric N products. Careful selection of the raw materials and strict process control ensure a consistently high product quality.

2004
Optimized
filler techn

Innovative properties and proven strengths



The composites of the Tetric N-Line are based on Tetric N-Ceram, which dentists have trusted for over a decade.

Today, the Tetric N-Line encompasses four innovative products that incorporate the advances made in composite technology over the years. All four composites contain the highly radiopaque ytterbium trifluoride filler, which makes the fillings clearly visible in radiographic examinations. Furthermore, technological innovations – such as the highly reactive light initiator Ivocerin and the Aessencio feature, which changes the translucency of the composite during the polymerization process – represent new milestones in composite development.

These and other technologies make the products of the Tetric N-Line stand out from other composites.

1974
Iso-filler technology

1984
Ytterbium trifluoride

Technological development of composites

2006
Ivocerin



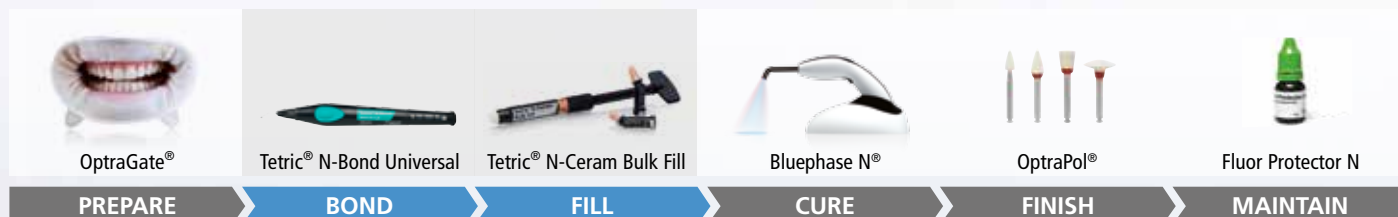
2016
Aessencio





Direct Restoratives

Tetric® N-Line forms a part of the “Direct Restoratives” product category. The products of this category cover the procedure involved in the direct restoration of teeth – from preparation to restoration care. The products are optimally coordinated with each other and enable successful processing and application.



THESE ARE FURTHER PRODUCTS OF THIS CATEGORY:

OptraGate®

Latex-free lip and cheek retractor



The gentle solution for a better view

- Considerably enlarged access to the treatment field
- Enhanced patient comfort due to three-dimensional flexibility
- Wide range of indications

Fluor Protector N

The protective fluoride varnish



Superior protection against dental caries and erosion

- Effective – immediate fluoridation of enamel
- Efficient – immediately ready for use
- High-yielding – economical delivery

Would you like to know more about the products of the “Direct Restoratives” category? Simply get in touch with your contact person at Ivoclar Vivadent or visit www.ivoclarvivadent.com for more information.