NEW

# Variolink® Esthetic

The esthetic luting composite

## “Amazingly simple esthetics!”



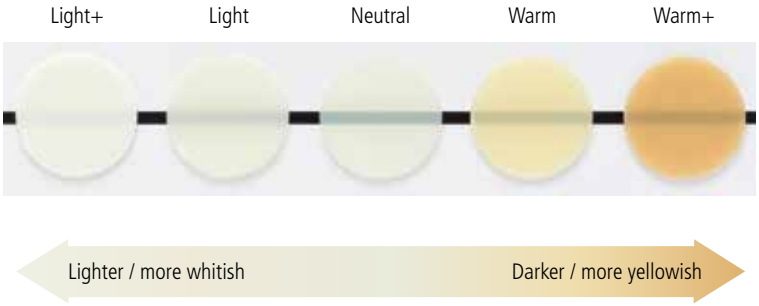

ivoclar vivadent®

passion vision innovation

# Variolink® Esthetic

## EXCEPTIONAL ESTHETICS

Variolink Esthetic is an esthetic light- and dual-curing luting composite for the permanent cementation of demanding ceramic and composite resin restorations. The cement is based on the esthetic luting composites Variolink II and Variolink Veneer, which have proven their worth in clinical use for many years.




### The Effect shade concept

In order to precisely match the shade effect of the restoration with the adjacent natural dentition, Ivoclar Vivadent has developed the new, balanced and concise Effect shade system. The "Neutral" shade demonstrates the highest translucency level and therefore enables colour-neutral cementation of the restoration. The shades "Light" and "Light+" produce a gradual brightening effect, whereas the shades "Warm" and "Warm+" result in the gradual darkening of the overlying ceramic and composite restoration. The shades are named according to their effects. This simplifies the selection of the appropriate cementation material in clinical use.

### Excellent shade stability

Variolink Esthetic demonstrates exceptional shade stability. This is made possible by the patented, reactive light initiator Ivocerin®, which is 100 per cent free of amine-based co-initiators. Variolink Esthetic forms the basis for long-lasting and reliable esthetic results. Even if exposed to intensive light or a humid environment, Variolink Esthetic is not subject to visible shade changes.

The exceptional esthetics of Variolink Esthetic is furthermore enhanced by its lifelike fluorescence similar to that of natural teeth. Additionally, the luting composite is very resistant to wear, thus ensuring a good marginal quality of the restoration while in place.



Variolink Esthetic Suntest (acc. to ISO 4049), left side exposed to light



Variolink Esthetic reference

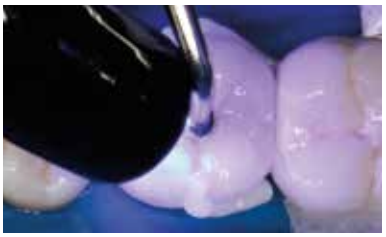
After immersion in water

# USER-FRIENDLY PROCESSING

## Easy excess removal

In the past, adhesive luting composites were rather complex to use due to the difficult removal of excess material. Now, Variolink Esthetic sets a new benchmark in this respect.

The smart combination of the reactive light initiator Ivocerin and a light sensitivity filter allows the dental professional to easily remove excess material after successful pre-polymerization with light. Ivocerin ensures fast and reliable curing of the material during the final light polymerization process.

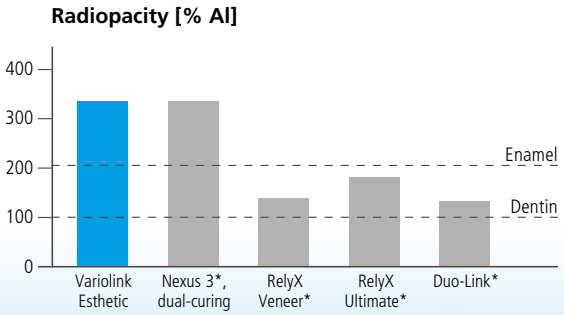


## Flexible, situational consistency

The viscosity controller optimally combines the material's good flowing behaviour with its stability. The cement is easy to extrude from the syringe. Excess material smoothly flows from the cement gap, but remains stable at the cementation joint so that it can be readily removed.

## Impressive radiodiagnostics

Variolink Esthetic continues the tradition of its predecessor material Variolink II in terms of its radiopacity. The material's high radiopacity makes it easier to detect excess cement and secondary caries.



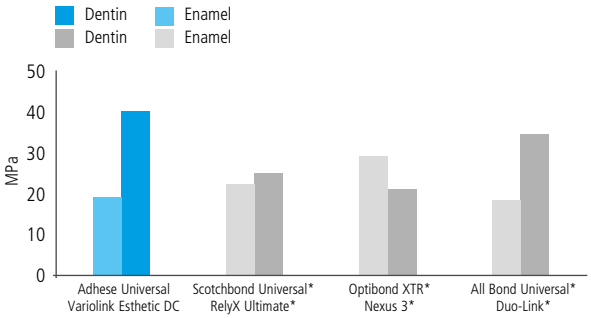

* Not registered trademarks of Ivoclar Vivadent AG.
Source: R&D Ivoclar Vivadent AG, Schaan, 2014 (measured according to ISO 4049)

# ONE SYSTEM FOR CLINICAL SUCCESS

## Optimal bonding

The adhesive material Adhese® Universal with its unique VivaPen® delivery form ideally complements Variolink Esthetic in the cementation of esthetically demanding restorations. Adhese Universal is quickly and conveniently applied in the patient's mouth. It is compatible with all etching techniques and allows the clinician to flexibly react to the clinical indication at hand. The technique- and fault-tolerant Adhese Universal ensures consistently high bond strengths and minimizes the risk of postoperative sensitivities. Naturally, Variolink Esthetic can also be used in combination with the established adhesives Syntac® and ExciTE® F.

**Shear bond strength after dual-curing – self-etch technique**
on enamel and dentin after 10,000 thermocycles

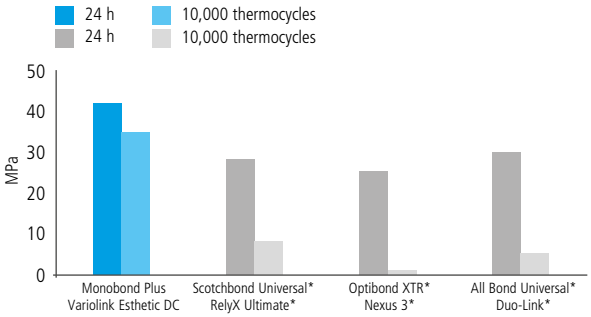



* Not registered trademarks of Ivoclar Vivadent AG.
Source: R&D Ivoclar Vivadent AG, Schaan, 2014

## Proven bond to restorations

In combination with the innovative and clinically proven universal primer Monobond® Plus, Variolink Esthetic demonstrates excellent bond strength on restorations made of glass-ceramic materials such as IPS e.max® CAD/Press or IPS Empress® CAD/Esthetic. Furthermore, the patented composition of functional methacrylates ensures a good and reliable bond to restorations made of composite or oxide ceramic materials.

**Tensile strength on IPS e.max ($LS_2$) glass-ceramic**
Initially and after ageing

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Source: R&D Ivoclar Vivadent AG, Schaan, 2014

# DELIVERY FORMS

**Variolink Esthetic LC System Kit** (only light-curing)
3 syringes Variolink Esthetic LC, 2 g (light, neutral, warm)
3 syringes Variolink Esthetic Try-In Paste, 1.7 g (light, neutral, warm)
1 syringe Total Etch, 2 g
1 Adhese Universal VivaPen, 2 ml, or 1 bottle, 5 g
1 bottle Monobond Plus, 5 g
1 syringe Liquid Strip, 2.5 g
Various accessories

666433WW with Adhese Universal VivaPen, 2 ml
666065WW with Adhese Universal bottle, 5 g

**Variolink Esthetic DC System Kit** (dual-curing)
3 Automix syringes Variolink Esthetic DC, 5 g (light, neutral, warm)
3 syringes Variolink Esthetic Try-In Paste, 1.7 g (light, neutral, warm)
1 syringe Total Etch, 2 g
1 Adhese Universal VivaPen, 2 ml, or 1 bottle, 5 g
1 bottle Monobond Plus, 5 g
1 syringe Liquid Strip, 2.5 g
Various accessories

666434WW with Adhese Universal VivaPen, 2 ml
666125WW with Adhese Universal bottle, 5 g

**Variolink Esthetic LC Refill** (only light-curing)
1 syringe, 2 g (in the selected shade)
5 application tips
666126WW Light+
666127WW Light
666128WW Neutral
666129WW Warm
666130WW Warm+

**Variolink Esthetic DC Refill** (dual-curing)
1 Automix syringe, 5 g (in the selected shade)
10 mixing tips
666117WW Light+
666118WW Light
666119WW Neutral
666120WW Warm
666121WW Warm+

**Variolink Esthetic DC Refill** (dual-curing)
1 Automix syringe, 9 g (in the selected shade)
15 mixing tips
666122WW Light
666123WW Neutral
666124WW Warm

**Variolink Esthetic Try-In Paste Refill**
1 syringe, 1.7 g (in the selected shade)
5 application tips
666067WW Light+
666113WW Light
666114WW Neutral
666115WW Warm
666116WW Warm+

**Accessories**
645951 mixing tips, short, pointy, refill, 15 units
559224 Variolink application tips, refill, 20 units

CNS

**Finding your way out of the cements maze**
The **C**ementation **N**avigation **S**ystem, a new multimedia application from Ivoclar Vivadent, offers dentists practical orientation and guidance in the selection of the best luting material for each case.

**www.cementation-navigation.com**

# Fixed Prosthetics

Variolink® Esthetic forms a part of the "Fixed Prosthetics" product category. The products of this category cover the procedure involved in the fabrication of fixed prosthetic restorations – from temporization to restoration care. The products are optimally coordinated with each other and enable successful processing and application.

Telio®

IPS e.max®

Programat®

IPS e.max®

Variolink®

Cervitec®

PREPARE | RESTORE | PROCESS | FINISH | **PLACE** | MAINTAIN

## THESE ARE FURTHER PRODUCTS OF THIS CATEGORY:

### IPS e.max® System

all ceramic – all you need

The comprehensive solution covering all indications

- Highly esthetic, high-strength materials for the press and CAD/CAM technique
- Unique lithium disilicate ($LS_2$) and zirconium oxide ($ZrO_2$) ceramics for restorations ranging from thin veneers to long-span bridges
- Flexibility of cementation: adhesive, self-adhesive and conventional

### Fluor Protector S

The protective fluoride varnish

Homogeneous protective varnish in a dispensing tube

- Immediate fluoridation of enamel
- High-yielding fluoride depot
- Mild taste

**Would you like to know more about the products of the "Fixed Prosthetics" category? Simply get in touch with your contact person at Ivoclar Vivadent or visit www.ivoclarvivadent.com for more information.**

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