

Used Products

TOOTH - Inlay, Onlay, Partial Crown - Gold - Non-retentive preparation - Variolink Esthetic

☐ Variolink Esthetic

The esthetic, light- and dual-curing adhesive luting system



☐ Proxyl fluoride-free

Prophy paste without fluoride



☐ Ivoclean

The universal cleaning paste Ivoclean effectively cleans the bonding surfaces of prosthetic restorations after intraoral try-in



☐ Monobond Plus

Monobond Plus is the universal primer for the conditioning of all types of restoration surfaces



☐ OptraStick

Application instrument that features a flexible adhesive tip



☐ OptraDam

Anatomically shaped rubber dam for the absolute isolation of the working field



☐ Liquid Strip

Glycerine gel to prevent the oxygen-inhibited layer of composites with composite or ceramic restorations



☐ OptraPol

OptraPol is excellently suitable for finishing and polishing all popular composite materials in a single step



☐ Fluor Protector

Fluor Protector is a protective fluoride varnish for desensitization and caries prophylaxis



Flowchart Variolink Esthetic

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1 The temporary is removed



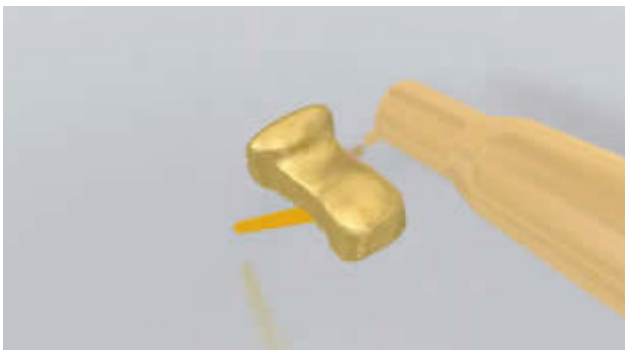
The temporary is removed. If necessary, any leftover temporary cement is removed from the preparation with a polishing brush and cleaning paste free of oil and fluoride (e.g. **Proxyl fluoride-free**). Subsequently, the preparation is dried with moisture-free and oil-free air.

2 The restoration is tried in



The permanent restoration is tried in. At this stage, the shade, accuracy of fit and occlusion of the restoration are checked.

3 The restoration is pretreated



The inner surfaces of the restoration are sandblasted (e.g. **Academy Gold, Maxigold**; 2bar, Al_2O_3 100 μm or as directed by the manufacturer of the restorative materials).



Monobond Plus is applied to the pretreated surfaces with a brush or microbrush and left to react for 60 seconds. Subsequently, it is dried with a vigorous stream of air.

4 The preparation is isolated and cleaned



Relative isolation of the treatment field - preferably with **OptraDam** or alternatively with absorbent pads and a saliva ejector - is indispensable.



The preparation is cleaned with a polishing brush and moisture-free and fluoride-free cleaning paste (e.g. **Proxyl fluoride-free**). Then it is rinsed with water spray. Subsequently, it is dried with air free of oil and moisture. Overdrying must be avoided.

5 The preparation is pretreated and the adhesive is applied



Optionally: Apply phosphoric acid gel (e.g. **Total Etch**) onto the enamel and allow it to react for 15 -30 seconds.



Then rinse thoroughly with a vigorous stream of water for at least 5 seconds and dry with compressed air until the etched enamel surfaces appear chalky white.



Starting with the enamel, thoroughly coat the tooth surfaces to be treated with **Adhese Universal**. The adhesive must be scrubbed into the surface for at least 20 seconds.

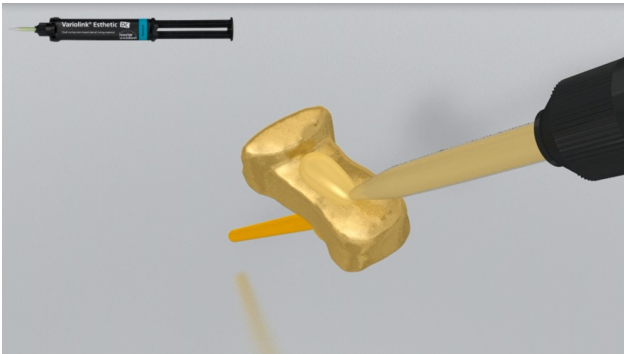


Disperse **Adhese Universal** with oil- and moisture-free compressed air until a glossy, immobile film layer results. Avoid pooling.



Light-cure **Adhese Universal** for 10 seconds using a light intensity of at least 500 mW/cm² (e.g. **Bluephase Style**).

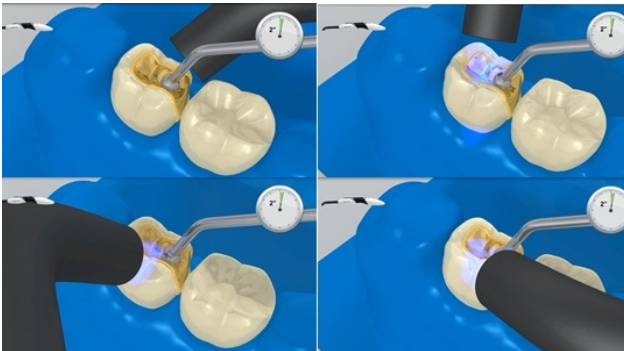
6 Seating of the restoration using Variolink Esthetic



Dispense **Variolink Esthetic DC** from the automix syringe and apply the desired quantity directly to the restoration.



The restoration is seated and held in place using light constant pressure.



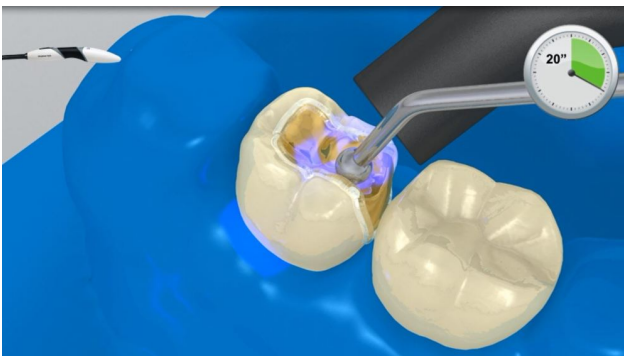
Light-cure excess material with the polymerization light (e.g. **Bluephase Style**) for **2 seconds** per quarter surface (mesio-oral, disto-oral, mesio-buccal, disto-buccal) at a distance of max. 10 mm.



The gel-like excess material can be easily removed with a scaler.



As with all composite systems, **Variolink Esthetic** is subject to oxygen inhibition. To prevent this, cover the restoration margins with glycerine gel/air block (e.g. **Liquid Strip**) immediately after excess removal.



Subsequently all the cement margins are light cured for another 20 seconds (approx. 1,100 mW/cm²). Materials that are opaque, in other words, impervious to light, should be allowed to self-cure.



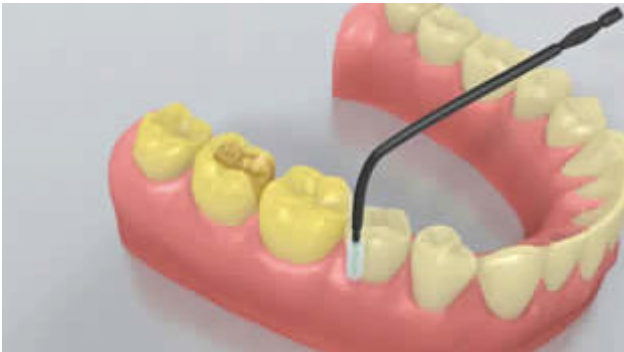
Liquid Strip is rinsed off and the rubber dam is removed.

7 The completed restoration is finished



Proximal areas are adjusted with finishing and polishing strips. The occlusion and functional movements are checked and adjusted if necessary. The restoration margins are polished with polishers (e.g. **OptraPol**) or discs.

8 The teeth are fluoridated



A thin film of **Fluor Protector** is applied with a Vivabrush or brush and distributed evenly. The varnish is dried with an air syringe.