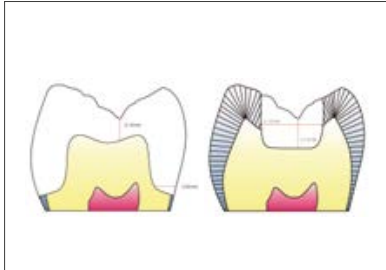


VITA ENAMIC® Brief instructions

VITA ENAMIC is the world's only dental hybrid ceramic with a dual network structure.



Preparation/wall thicknesses

Follow the general guidelines for preparation and design for ceramic restorations

- Anterior crowns: Incisal: at least 1.0 mm; circumferential: at least 0.8 mm
- Posterior crowns: Occlusal: at least 1.0 mm; circumferential: at least 0.8 mm
- Inlays: Occlusal: at least 1.0 mm; in the area of the isthmus: at least 1.0 mm
- Onlays: Occlusal: at least 1.0 mm
- Table Tops: Occlusal: at least 1.0 mm
- Veneers: Incisal: at least 0.3 mm; labial: at least 0.3 mm; cervical: at least 0.2 mm



CAD/CAM process

- Once the grinding / milling process (CAM) has been completed, remove the lug or bars using a diamond instrument.



Extraoral polishing

- The first step is to contour the restoration
- The second step is prepolishing/high gloss polishing with the VITA ENAMIC Polishing Set
- If necessary the diamond polishing paste VITA Polish Hybrid can be used for high-gloss polishing of restorations.
- As a rule: when reworking, apply only slight pressure and use water if possible.



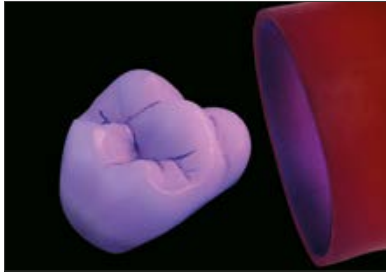
Fine intraoral corrections (after adhesive cementation)

- Prepolishing with the pink polishers of the VITA ENAMIC Polishing Set while cooling with water
- High gloss polishing with the grey diamond-coated polishers of the VITA ENAMIC Polishing Set



Optional: shade characterization (staining technique)

- Conditioning the surface: either etch with 5% hydrofluoric acid gel (for example VITA ADIVA CERA-ETCH) or sandblast with Al_2O_3
- Residue must be carefully removed and the surface silanized
- Apply VITA AKZENT LC stains for shade effects and shade corrections and polymerize in steps.
- The exact procedure for shade characterization can be found in the Instructions for Use No. 10613.



Final polymerization

- For polymerization of VITA AKZENT LC, a light-curing device is required that emits rays in the wavelength range of < 430 nm!

All coated surfaces must be completely polymerized.

Tip: After final polymerization, polish the characterized surface with VITA Polish Hybrid and a soft goat hair brush. Then use a dry cotton buff to achieve the final gloss.



Optional: individualization (layering technique)

- VITA ENAMIC can be individualized with VITA VM LC flow veneering composite (layering technique).
- The exact procedure for individualization can be found in the Instructions for Use No. 1982.



Bonding the restoration

Conditioning the tooth substance

- Etch the tooth substance (for example, VITA ADIVA TOOTH-ETCH) for 20 sec.
- Application of the adhesive system (for example, VITA ADIVA T-BOND) to the prepared tooth



Conditioning the restoration

- Etch the inner surface with 5% hydrofluoric acid gel (for example, VITA ADIVA CERA-ETCH) for 60 seconds
- Acid residue must be carefully removed
- Apply silane bonding agent (for example, VITA ADIVA C-PRIME) to the etched surfaces



Seating the restoration

- Application of the luting composite (for example, VITA ADIVA F-CEM)
- Inserting the restoration
- Light curing (Please follow manufacturer's instructions!)

More information can be found in the VITA ENAMIC Instructions for Use No. 1982 and in the VITA AKZENT LC Instructions for Use No. 10613 as well as at www.vita-zahnfabrik.com/enamic