For veneering zirconia substructures and for individualizing VITABLOCS and VITA PM 9 restorations. Available in VITA SYSTEM 3D-MASTER and VITA classical A1 – D4 shades.
VITA VM®9 – FACTS & FEATURES

VITA VM 9 is:
• A natural, highly esthetic, fine-structure feldspar ceramic for zirconia substructures, VITABLOCS Mark II and PM 9

With VITA VM 9, you will benefit from:
• natural shade effect, light dynamics and optimal physical properties
• excellent modeling characteristics for fast and accurate application of the ceramic
• an outstanding bond
• minimum shrinkage behavior for accurate firing
• process reliability based on numerous years of experience

SYSTEM COMPONENTS

VITA YZ T COLORING LIQUIDS
VITA YZ HT/ST/XT SHADE LIQUIDS
VITA AKZENT Plus
VITA INTERNO
**VITA VM®9 – Preparatory steps**

**BASE DENTINE WASHBAKE**

**BASE DENTINE:**
- to achieve optimum bonding, carry out washbake with BASE DENTINE
- can also be carried out with CHROMA PLUS materials for restorations with thin walls
- mix with VITA MODELLING FLUID RS to obtain a thin aqueous mixture
- use a brush to apply very thinly and ensure uniform coverage

**Please note:** The substructure needs to be clean and dry!

**Recommended firing - washbake**

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<td>950</td>
<td>1.00</td>
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2 - VITA VM®9 – BASIC layering

BASE DENTINE layering

Layering:
• mix BASE DENTINE with VITA MODELLING FLUID RS
• apply the desired shade of BASE DENTINE, starting from the neck, to obtain the required, complete tooth shape.
• check the centric, lateral and protrusive occlusion in the articulator

Please note: To obtain sufficient space for the enamel, removal of the corresponding amount of BASE DENTINE is required.
ENAMEL layering

Layering:
- apply several small portions of ENAMEL to complete the crown mould, beginning from the middle third of the crown
- to compensate for firing shrinkage, the crown must have a slightly larger size
- prior to the first dentine firing, the individual units of bridges must be separated in the interproximal areas down to the substructure

Please note: Only a ceramic firing pad for ceramic may be used for firing!

Recommended firing - first dentine firing

<table>
<thead>
<tr>
<th>Predry. °C</th>
<th>→ min.</th>
<th>→ min.</th>
<th>°C/min.</th>
<th>Temp. approx. °C</th>
<th>→ min.</th>
<th>VAC min.</th>
<th>→ °C</th>
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<td>910</td>
<td>1.00</td>
<td>7.27</td>
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* Long-term cooling down to 600°C is recommended for the respective last firing cycle of the veneering ceramic.
3 VITAVM®9 – Finalization

Glaze firing with VITA AKZENT Plus

Finalization:
- finish the bridge or crown respectively
- for glaze firing, the entire surface must be ground evenly
- remove grinding particles carefully
- coat the entire restoration with VITA AKZENT Plus GLAZE
- if needed, VITA AKZENT Plus stains may be used

Please note: When processing the interdental spaces with the diamond separating disc, please be sure not to cause any damage to the substructure. In case of formation of dust, use an extraction system or wear a face mask. Additionally, protective goggles must be worn when grinding the fired ceramic.

Recommended firing – Glaze firing with VITA AKZENT Plus

<table>
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<tr>
<th>Predry. °C</th>
<th>→ min.</th>
<th>→ min.</th>
<th>°C/min.</th>
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<th>→ min.</th>
<th>VAC min.</th>
<th>→ °C</th>
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<td>1.00</td>
<td>-</td>
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* Long-term cooling down to 600°C is recommended for the respective last firing cycle of the veneering ceramic.
1. BASE DENTINE washbake

Prepared substructure

2. BASE DENTINE layering

3. ENAMEL layering

optional adjustment of the shape

Result after first dentine firing

Layering for second dentine firing

Result of second firing, adjustment of the shape

Finalization, characterization, polishing
TECHNICAL HOTLINE
Questions about VITA product solutions? The experienced dental technicians and technical consultants Ralf Mehlin (DT) and Daniel Schneider (DT) can answer your questions here:

- Phone +49(0)7761/56 22 22
  E-mail: info@vita-zahnfabrik.com
  8 a.m. to 5 p.m. CET

ONLINE SUPPORT
Questions on processing and product solutions?
You can find competent answers online in the form of videos, FAQs and electronic tutorials.

More detailed information can also be found in the comprehensive VITA VM 9 Working Instructions.

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