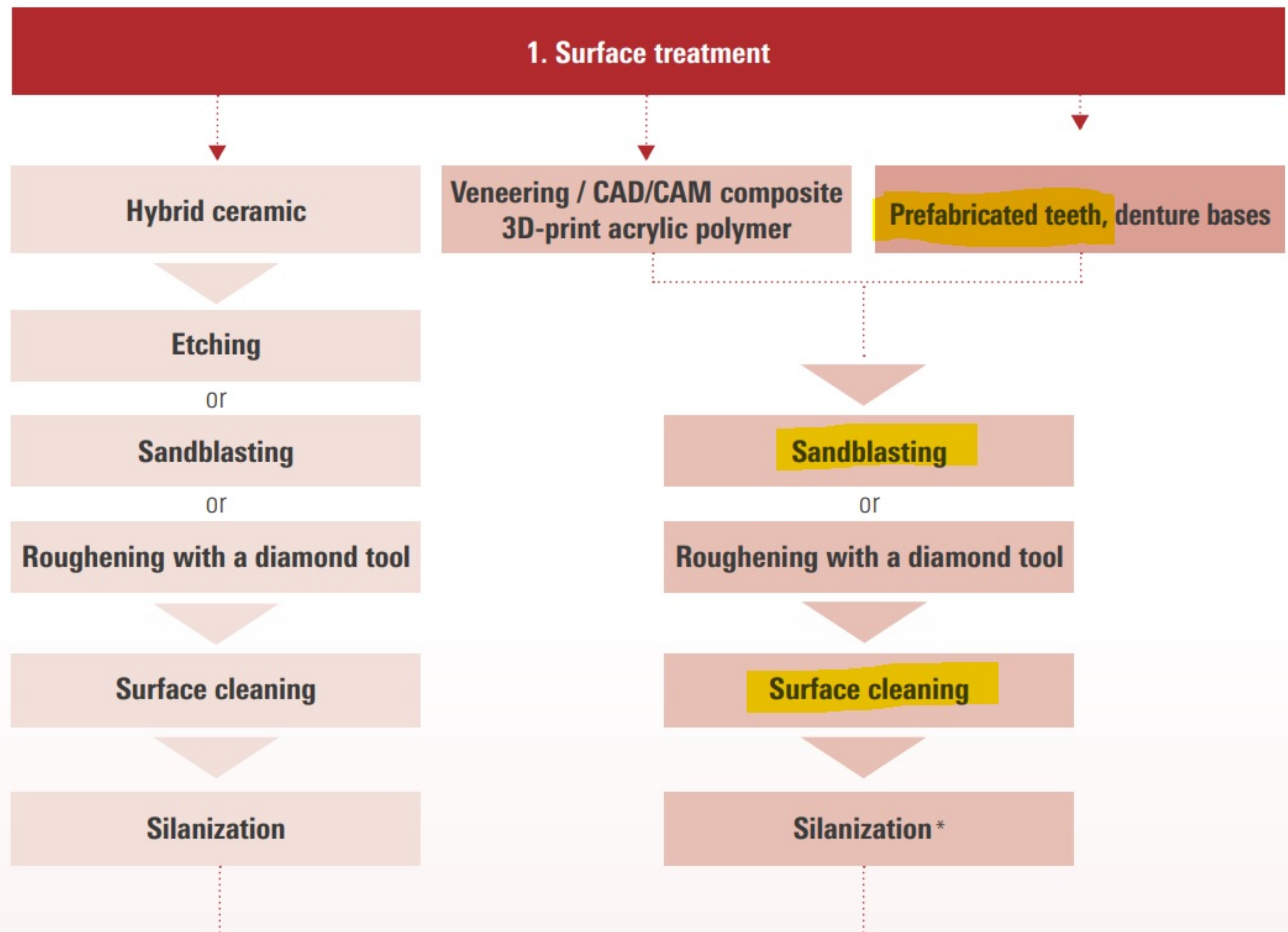


## 1.2 Process steps for external characterization



## 2.1 Overview - Pretreatment steps, according to material

For external characterization\*

Hybrid ceramic (VITA ENAMIC)	Veneering composite (e.g., VITA VM LC) 3D-print acrylic polymer	CAD/CAM composite (e.g., VITA CAD-Temp, CERASMART)	Prefabricated teeth (made of acrylics)	Denture base resins
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1.

Etch with 5% hydrofluoric acid (VITA ADIVA CERA-ETCH) for 60 seconds.	Roughen with a diamond tool.	Roughen with a diamond tool.	Roughen with a diamond tool.	Roughen with a diamond tool.
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or sandblast with Al <sub>2</sub> O <sub>3</sub> , 50 µm, 1 bar.*	or sandblast with Al <sub>2</sub> O <sub>3</sub> , 50 µm, 1 bar.*	or sandblast with Al <sub>2</sub> O <sub>3</sub> , 50 µm, 2 bar.*	or sandblast with Al <sub>2</sub> O <sub>3</sub> , 50 µm, 2 bar.*	or sandblast with Al <sub>2</sub> O <sub>3</sub> , 50 µm, 2 bar.*
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or  
roughen with a diamond tool.

2.

<b>After etching:</b> Carefully remove any remaining acid by spraying with water or clean in the ultrasonic bath. Dry with oil-free air for 20 seconds.	Clean the surface carefully with oil-free air.	Clean the surface carefully with oil-free air.	Clean the surface carefully with oil-free air.	Clean the surface carefully with oil-free air.
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**After sandblasting/  
roughening:**  
Clean the surface with water/steam jet and dry with oil-free air.

3.

Silanize the surface with VITA ADIVA C-PRIME and blow gently.	Apply CERAMIC PRIMER II to CERASMART.
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1.

Apply stains directly to the inhibition layer.\*\*

acterization