

**3D printing meets polishing system: Renfert Introduces polishing paste for 3D printed materials**

*With “Renfert Polish – 3D printed materials”, Renfert launches a specialized diamond polishing paste for printed restorations, complemented by a polishing kit designed for a structured workflow.*

As 3D printing continues to gain traction, surface finishing is becoming increasingly important. Due to the manufacturing process, printed restorations exhibit layer structures and support artifacts. These increase surface roughness and affect esthetics, plaque affinity, and long term stability. Polishing is therefore a prerequisite for achieving functionally and hygienically suitable surfaces.

**Polishing specialist for polymer based printing materials**

The polishing paste “Renfert Polish – 3D printed materials” was developed specifically for 3D printed resins and can be used across different technologies – both for filament printed restorations made of PMMA and PETG and for crown and bridge restorations made from resin materials. The formulation is tailored to the processing of thermally sensitive polymers and supports even distribution across the surface. The aim is controlled smoothing of print specific structures such as layer lines, transition areas, and support marks without smearing. Typical applications include temporary and permanent crowns, inlays and onlays.

**4 step system for a standardized workflow**

The optionally available starter kit includes coordinated polishing instruments. These include shape stable pre polishers, flexible lamellar polishers, and special natural and specialized buffs for gloss and high gloss polishing. A defining feature is the combination of different material types – from structured pre polishers to natural fiber media and high quality leather and cotton buffs. Together with the diamond polishing paste, this creates a standardized process for efficient polishing and reproducible surface quality.

**System logic instead of a universal paste**

With this approach, Renfert transfers its pragmatic concept of material specific polishing pastes to additive manufacturing: a tailored solution for each material rather than universal compromises. Find detailed information at [www.renfert.com](http://www.renfert.com)

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**More information**

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