



MOVINGLight®
High Resolution
Liquid Resin 3D Printers



PREMIUM MATERIAL FOR DENTURE BASE

Provivic Denture Base is a light-curing material for the additive manufacturing of full denture bases or partial dentures. The material has been optimized for Prodways DLP® systems of the LD series with a wavelength of 385 nm for layer thicknesses of 100 µm. In addition, the material comes along into a fully validated workflow to bond acrylic, printed or milled teeth.

INNOVATION AND EXPERTISE

Prodways' exclusive MOVINGLight® technology is based on photo-polymerization of liquid resin via moving DLP® projectors. It offers unequalled levels of precision and productivity also a wide range of applications in different industries. Prodways is constantly innovating to develop new materials supported by internal R&D teams at Prodways Materials as well as strategic partners.



Provivic Denture Base Key Features



MEDICAL DEVICE CLASS IIA (EU) AND FDA 510(K) CLEARED

Our denture base materials comply with the current regulatory requirements for safe use.



COST EFFECTIVE SOLUTION

A much faster and simple process of manufacturing compared to traditional method, giving you the benefit of both affordability and speed.



POLISHING MADE EASY

Easy and reduce polishing allows for quick and efficient preparation of dentures.

*Bonding, repair product available at Prodways



PERFECT ACCURACY & FIT

Helping you achieve **excellent and repeatable results** for best fit and comfort



FAST TURNAROUND TIME

Denture resin enables fast production, which can help dental professionals to save time and improve their workflow



APPROVED AND VALIDATED

Complete workflow including ability to securely bond teeth to denture bases and capability to efficiently repair them*.

DENTURE BASE RESIN SPECIFICATIONS



Shade Pink-transparent



Viscosity ≥ 2.5 Pas at 23°C



Flexural strength ≥ 65 MPa



Flexural modulus ≥ 2000 MPa



Water absorption ≤ 32 $\mu\text{g}/\text{mm}^3$



Solubility ≤ 1.6 $\mu\text{g}/\text{mm}^3$

Our resin has been thoroughly tested and is in compliance with the FDA and European regulations and fulfills the requirements of DIN EN ISO 20795-1 for Denture base Polymers.

www.prodways.com