

# Temporis

## Technical Data Sheet

**Dfab**  
3D FOR PATIENTS

### Temporis: Photosensitive Composite for Temporary Restorations

Temporis is a photosensitive composite material for the customized production of temporary restorations such as: inlays, onlays, veneers, single crowns and bridges up to three elements by stereolithographic 3D printing. Temporis is a Class IIa CE marked medical device\*.

To meet aesthetic and functional requirements, Temporis is available in different monochromatic shades and the exclusive Photoshade adaptive gradient. For perfect characterization, restorations can be customized with biocompatible products (lacquer, glaze, etc.) and/or light-curing colors.



\*Medical device in Class IIa according to Rule 5 of Annex IX, Directive 93/42/EEC.

### Features

- High dimensional stability
- Precise fit
- Superior surface quality
- Available in six shades: N, A1, A2, A3, A3.5, B1
- Available in Photoshade adaptive gradient technology

### Advice for use

Temporis is specifically developed for use with DWS Dfab dental 3D printers, equipped with Photoshade technology for adaptive gradient shading. To ensure optimal mechanical performance, dimensional stability, and safety of the printed restoration, the Dcure curing unit must be used, as it performs a hybrid thermal/UV treatment cycle tailored for this material. Always follow the operating instructions provided for the DWS Dfab 3D printer and curing unit. Refer to the official Instructions for Use (IFU) for detailed guidance on design, printing and post-processing procedures.

### Technical characteristics of the liquid material

Environmental data for use	22°C - 27°C - max, RH 40% - 60%
Appearance / Color	Liquid / 6 shades available
Density	1,35 g/cm <sup>3</sup>
Viscosity	~ 3000 mPa•s at 25°C

### Technical characteristics of the printed and cured material

Flexural strength (MPa) (ISO 10477)	> 80
Water sorption (µg/mm <sup>3</sup> ) (ISO 10477)	< 40
Water solubility (µg/mm <sup>3</sup> ) (ISO 10477)	< 1.4

# Temporis

## Technical Data Sheet

**Dfab**  
3D FOR PATIENTS

### Restrictions of use and warnings

Temporis is a medical device intended exclusively for use by qualified professionals (dentists and dental technicians). For detailed information on correct use - including application methods, precautions, contraindications, and safety warnings - please refer to the official Instructions for Use (IFU) provided by the manufacturer.

### Contraindications

Do not use the device in patients with known allergies or hypersensitivity to methacrylates. Refer to the IFU for the complete list of contraindicated applications.

### Precautions and protective measures

The liquid material may cause skin sensitization and is harmful to aquatic life. Use nitrile gloves and protective goggles during handling.

Once polymerized, the solid material is not classified as hazardous.

Refer to the Safety Data Sheet (SDS) available at [www.dwssystems.com](http://www.dwssystems.com) for detailed safety information.

### Storage

Store at 5–30°C in a dry place, away from direct sunlight and heat sources. Do not use after the expiry date indicated on the label.

### Disposal

Dispose of liquid material and contaminated containers in accordance with local regulations.

Cured material can be disposed of as non-hazardous industrial waste.

Refer to the IFU and Safety Data Sheet (SDS) at [www.dwssystems.com](http://www.dwssystems.com) for detailed disposal guidance.

### Information for orders

CODE	PRODUCT	CODE	PRODUCT
10200395	TEMPORIS N, DLT, SIZE S, SET 5	10200407	TEMPORIS N, DLT, SIZE L, SET 3
10200396	TEMPORIS A1, DLT, SIZE S, SET 5	10200408	TEMPORIS A1, DLT, SIZE L, SET 3
10200397	TEMPORIS A2, DLT, SIZE S, SET 5	10200409	TEMPORIS A2, DLT, SIZE L, SET 3
10200398	TEMPORIS A3, DLT, SIZE S, SET 5	10200410	TEMPORIS A3, DLT, SIZE L, SET 3
10200399	TEMPORIS A3.5, DLT, SIZE S, SET 5	10200411	TEMPORIS A3.5, DLT, SIZE L, SET 3
10200400	TEMPORIS B1, DLT, SIZE S, SET 5	10200412	TEMPORIS B1, DLT, SIZE L, SET 3
10200401	TEMPORIS N, DLT, SIZE M, SET 3	10200413	TEMPORIS PHOTOSHADE A1-A3.5, DLT, SIZE S, SET 5
10200402	TEMPORIS A1, DLT, SIZE M, SET 3	10200414	TEMPORIS PHOTOSHADE A1-A3.5, DLT, SIZE M, SET 3
10200403	TEMPORIS A2, DLT, SIZE M, SET 3	10200415	TEMPORIS PHOTOSHADE A1-A3.5, DLT, SIZE L, SET 3
10200404	TEMPORIS A3, DLT, SIZE M, SET 3		
10200405	TEMPORIS A3.5, DLT, SIZE M, SET 3		
10200406	TEMPORIS B1, DLT, SIZE M, SET 3		



**DWS S.r.l.**

Via della Meccanica 21 - 36016 Thiene (VI) – Italy,  
T: +39 0445 810810 - E: [info@dwssystems.com](mailto:info@dwssystems.com)

RD Printing S.r.l. via Della Meccanica 21, 36016 Thiene (VI), Italy – P.IVA / C. F. 04549820241 - [www.rd-printing.com](http://www.rd-printing.com) – [info@rd-printing.com](mailto:info@rd-printing.com)

This document is reserved for healthcare professionals as it contains information on medical devices that may create situations of danger to the health and safety of the patient if not correctly read, understood and applied by a professional