



**TEMPORIS®: THE BIOCOMPATIBLE MATERIAL**

Temporis® is a photosensitive composite material for the custom fabrication of dental restorations such as inlays, bridges and crowns.

Temporis® is a Class IIa CE marked medical device\* for the fabrication of temporary inlays, crowns or bridges for long-term applications, up to the creation of a permanent restoration.

To meet aesthetic and functional requirements, Temporis® is available in different colors and shades and can be easily shaped and polished. For a perfect customization, Temporis® can be coated with biocompatible compounds and personalized with any kind of pigmentation.

The so-configured prosthesis is a bespoke disposable medical device.



**FEATURES**

- Superior surface quality
- High dimensional stability
- Precise fit
- Available in six shades: N, A1, A2, A3, A3.5, B1
- Available in Photoshade adaptive gradient technology (DFAB Chairside and DFAB Desktop only)

**ADVICE FOR USE**

Temporis® is specifically developed for the use in DWS dental 3D printers XFAB 2500PD, XFAB 3500PD, DFAB Chairside, DFAB Desktop and LFAB.

Exclusively for DFAB Chairside and DFAB Desktop, the Photoshade technology provides adaptive gradient feature.

In order to increase the mechanical performances of the restorations and to guarantee their proper stability, the use of the specifically designed DCURE curing device with its thermal/UV post-treatment is recommended.

\* Long-term invasive medical device in Class IIa according to Rule 5 of Annex IX, Dir. 93/42/EEC.

**TECHNICAL CHARACTERISTICS OF THE LIQUID MATERIAL**

Environmental value for use	22°C - 27°C - max, RH 40% - 60%
Appearance / Color	Liquid / 6 shades available
Density	1,38 g/cm <sup>3</sup>
Viscosity	2000 ~ 3000 mPa•s at 25°C

**TECHNICAL CHARACTERISTICS OF THE RESIN AFTER UV CURING**

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
Application/use	Long-term restorations

Technical specification subject to change without notice. This document contains informative addressed to healthcare professionals as it deals with information that may lead to serious damages for patient's health and safety if not properly understood and duly executed. Regulations under the Italian law (Legislative Decree dated February, 23rd 2006, Legislative Decree no. 219/2006 and in general by Legislative Decree no. 46/97 as amended by Legislative Decree no. 37 dated January, 25th 2010).

**DWS**



**ADVICE FOR USE**

Follow the operating instructions for your 3D printer in the model specified by DWS.

**RESTRICTIONS OF USE AND WARNINGS**

Temporis® is a medical device that must be strictly used by specifically trained personnel (dental technician, dentist).

The clinician must take an accurate anamnesis of the patient before proceeding with the placement of the prosthesis.

Configured following the polymerization process, the prosthesis must be placed on the patient in a properly hygienic environment. Clean the device with a disinfectant solution prior to placement on the patient.

**CONTRINDICATIONS**

An accurate anamnesis of the patient must be done, with the aim to identify potential intolerances or allergies to methacrylates.

**SAFETY**

Device in liquid form may cause skin irritation, eye irritation, and skin sensitization.

Contact with the solidified material is not hazardous.

**INFORMATION FOR ORDERS**

CODE	PRODUCT
10200227	TEMPORIS N, TUBE, SET 2
10200228	TEMPORIS A1, TUBE, SET 2
10200229	TEMPORIS A2, TUBE, SET 2
10200230	TEMPORIS A3, TUBE, SET 2
10200231	TEMPORIS A3.5, TUBE, SET 2
10200232	TEMPORIS B1, TUBE, SET 2
10200395	TEMPORIS N, DLT 1-2 U SIZE S, SET 5
10200396	TEMPORIS A1, DLT 1-2 U SIZE S, SET 5
10200397	TEMPORIS A2, DLT 1-2 U SIZE S, SET 5
10200398	TEMPORIS A3, DLT 1-2 U SIZE S, SET 5
10200399	TEMPORIS A3.5, DLT 1-2 U SIZE S, SET 5
10200400	TEMPORIS B1, DLT 1-2 U SIZE S, SET 5
10200401	TEMPORIS N, DLT 3-4 U SIZE M, SET 3
10200402	TEMPORIS A1, DLT 3-4 U SIZE M, SET 3
10200403	TEMPORIS A2, DLT 3-4 U SIZE M, SET 3
10200404	TEMPORIS A3, DLT 3-4 U SIZE M, SET 3
10200405	TEMPORIS A3.5, DLT 3-4 U SIZE M, SET 3
10200406	TEMPORIS B1, DLT 3-4 U SIZE M, SET 3

**PRECAUTIONS AND PROTECTIVE MEASURES**

Avoid direct contact with skin and eyes, use protective goggles and nitrile gloves when handling the device. In case of skin contact, wash with plenty of water and soap. If skin irritation or rash occurs, contact the doctor. In case of eye contact, carefully rinse eyes with water for several minutes. If irritation persists, contact the doctor. Detailed safety information is available in the MSDS at [www.dwssystems.com](http://www.dwssystems.com).

**STORAGE**

Store in a cool, dry place out of direct sun light or heat source. Store at 5° - 30°C.

**DISPOSAL**

Refer to local regulations.

CODE	PRODUCT
10200407	TEMPORIS N, DLT 5-6 U SIZE L, SET 3
10200408	TEMPORIS A1, DLT 5-6 U SIZE L, SET 3
10200409	TEMPORIS A2, DLT 5-6 U SIZE L, SET 3
10200410	TEMPORIS A3, DLT 5-6 U SIZE L, SET 3
10200411	TEMPORIS A3.5, DLT 5-6 U SIZE L, SET 3
10200412	TEMPORIS B1, DLT 5-6 U SIZE L, SET 3
10200413	TEMPORIS PHOTOSHADE, DLT 1-2 U SIZE S, SET 5
10200414	TEMPORIS PHOTOSHADE, DLT 3-4 U SIZE M, SET 3
10200415	TEMPORIS PHOTOSHADE, DLT 5-6 U SIZE L, SET 3

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**DWS**

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