

Gebrauchsanweisung – Istruzioni d'uso  
Instruction manual – Mode d'emploi  
Instrucciones de uso



English

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**Intended use:**

TEMP BASIC, PRIME and MULTISTRATUM® PRIME are used for manufacturing provisional crowns and bridges in the anterior and posterior tooth area. All materials can be processed with any Zirkonzahn milling unit using the appropriate tools and milling parameters. TEMP BASIC, PRIME and MULTISTRATUM® PRIME are used for manufacturing of long-term provisionals. Once a year the attending dentist should examine the work and decide whether it can still remain in the mouth of the patient. The attending dentist must inform the patient in this regard before treatment. Due to the fact that after a certain period of time optical and mechanical defects/damages to the material can occur, Zirkonzahn recommends removing the work and replacing it with a new one.

**General information:**

The information provided in this instruction manual must be passed on to any person using the products mentioned therein. The products must only be used by qualified personnel. The user is obliged to use the products in accordance with the present instruction manual and with appropriate hygiene measures and to verify on his/her own responsibility whether the products are suitable for the individual patient situation. The user will be held fully responsible for the appropriate and correct use of the products. Zirkonzahn assumes no liability for incorrect results in form of direct or indirect damages or any other damages that occur from the use and/or the processing of the products. Any claim for damages (including punitive damages), is limited to the commercial value of the Zirkonzahn products. Independently of this, the user is obliged to report all serious incidents that occur in connection with the products to the competent authority and to Zirkonzahn.

**Contraindications:**

Do not use the product in conjunction with cloves, nutmeg, pimento and teas containing essential oils. Should intolerance to the product be suspected, use it only after an allergy screening test has been performed with issue of medical statement of non-allergy conditions.

**Work steps:**

- 1) Fix the resin disc in the clamping device provided for this purpose and carry out milling process.
- 2) Check milled framework for obvious chips or cracks. Only structures in perfect condition may be used for dental restorations.
- 3) Manual post-processing can be performed. The elaboration is carried out with tungsten-carbide burs. Pre-polish with rubber polishers, then polish with pumice stone. The high gloss polishing is carried out with goat-hair brush and a suitable polishing paste (follow manufacturer's instructions). Important: Do not overheat the resin when using burs, brushes, steam jets etc.
- 4) Sandblast provisional crowns and bridges on the inside before application.
- 5) Free final work from dust (steam clean) and clean before insertion in an ultrasonic bath (approx. 40 °C) with gentle cleaning agents.
- 6) Use eugenol-free cements for insertion of provisional crowns and bridges (follow manufacturer's instructions).

**Recommended minimum dimensioning:**

Wall thickness (cervical): min. 0.7 mm  
Wall thickness (occlusal): min. 1.2 mm  
Cross section connecting bar: min. 22 mm²  
Pontics: max. 2

**Safety instructions:**

Grinding dust can irritate eyes, skin or mucous membranes. Please observe the product-specific safety data sheets.

**Technical Data:**

	Flexural strength
Temp Basic	≥ 55 MPa
Prime/Multistratum® Prime	≥ 105 MPa

**Handling:**

All materials can be processed with any Zirkonzahn milling unit using the appropriate tools and milling parameters. Resin discs are already polymerized when supplied, but avoid dropping them nevertheless. Product quality and product durability can be compromised if handled improperly. MULTISTRATUM® PRIME is a resin that has a color gradient from dentine to enamel. Discs with a diameter of 98 mm are marked with a sticker on the incisal side.

**Storage and stability:**

Store the resin discs in their original package, in a dry place at room temperature. Do not expose to physical impact or vibration, avoid contact with liquids, protect discs from contamination. Keep out the reach of children.

**Information:**

**Manufacturer:** Zirkonzahn srl – Via An der Ahr 7 – 39030 Gais – Italy – [www.zirkonzahn.com](http://www.zirkonzahn.com)  
**Emergency Phone:** +39 0474 066 660 (Mon. – Fri. 8 am – 6 pm)

**N.B.: All medical devices and all products with open packaging are non-returnable.**

# Zirkonzahn®

## TEMP BASIC, PRIME, MULTISTRATUM® PRIME



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### Legend

Explanation of symbols used



Catalogue number



Consult instructions for use



Batch code



Date of production



Manufacturer



Use-by date