

Temp Basic Transpa, Therapon Transpa, Prime Transpa, Abro 1 Transpa

Date of update: 2020-04-02

Intended use:

Temp Basic Transpa, Therapon Transpa, Prime Transpa, Abro 1 Transpa are highly transparent PMMA blanks for dental applications. These blanks have been conceived for the manufacturing of bite splints, orthodontic splints as well as occlusal splints for bruxism and are suitable for long-term use.

These products can be milled with any Zirkonzahn milling unit using the appropriate milling tools and parameters.

Once a year, the attending dentist should examine the dental structures and decide whether they can still remain in the mouth of the patient. The attending dentist must inform the patient about this before the beginning of the treatment. After a while, optical and mechanical defects/damages can occur. Should this be the case, Zirkonzahn recommends to replace the restoration with a new one.

Contraindications:

Do not use the product in conjunction with cloves, nutmeg, pimento and teas containing essential oils.

Work steps:

- 1) Fix the resin blank in the clamping device provided and start the milling process.
- 2) After milling, check the structure visually for material fractures or cracks. Only perfectly milled frameworks can be used as bite splints, orthodontic splints and occlusal splints for bruxism.
- 3) Proceed with the mechanical processing: finish the structure using a wide cross-cut tungsten-carbide bur first, and then a fine one, at 15.000 rpm.
Polishing: use polishing brushes at 5.000 rpm, then buff with pumice at 1.500 rpm and finally high-gloss polish with goat hair brushes and polishing paste at 5.000 rpm.
Important: do not overheat the resin when using burs, brushes, steam jets etc.
- 4) Clean the final job from dust (steam jets) and clean before insertion.

Advice:

The resin blanks are already polymerised when supplied, but still avoid dropping them.

Product quality and durability can be compromised if handled improperly. Dust from grinding can irritate eyes, skin or mucous membranes. Take protective measures.

Should intolerance to the product be suspected, use it only after an allergy screening test has been performed with a medical statement issue of nonallergy conditions. Disinfect the milled parts before inserting them into the user's mouth. Implant hygiene is the patient's responsibility. These instructions for use correspond to the current state of technology and our own experiences. The user will be held fully responsible for the correct use of the product.

The manufacturer has no influence on the processing procedures, therefore he is not responsible for any unsatisfactory results. The processor (dental technician) has to inform the dentist as regards the operations to be performed before inserting the part into the patient's mouth, making sure that the dentist has received all of the information contained in these instructions for use. Therefore, any claims for damages concern exclusively the commercial value of our products.

Technical Data:

	Flexural Strength	Water absorption	Water solubility
Temp Basic Transpa	≥ 60 MPa	$\leq 24 \mu\text{g}/\text{mm}^3$	$\leq 0.3 \mu\text{g}/\text{mm}^3$
Therapon Transpa Prime Transpa Abro 1 Transpa	≥ 105 MPa		

Handling:

Handling of this product only by trained personnel. Ensure adequate ventilation.

Storage and stability:

Store in original packaging, dust free, dry and at room temperature. Do not expose to physical impact or vibration, avoid contact with liquids, protect discs from contamination. Store out of the reach of children.

Information:

Producer: Zirkonzahn srl – Via An der Ahr 7 – 39030 Gais – Italy – www.zirkonzahn.com

Supplier: Zirkonzahn srl – Via An der Ahr 7 – 39030 Gais – Italy – 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.



Catalogue number



Consult instructions for use



Batch code



Date of manufacture



Manufacturer