

## Processing instructions

### anaxBlend Zirkon Bonder

#### 1. Intended purpose

Bonding agents are used to bond various restorative materials to the framework material.

#### 2. Description of product and users

##### 2.1 Description of product

Zirkon Bonder is a luting agent for permanent, secure bonding between zirconium oxide and acrylics. The luting agent is easy to use without light-curing on zirconium oxide and with all conventional composite systems. Its thin-flowing consistency ensures a uniform coating.

##### 2.2 Users

For use by laboratory technicians in a dental laboratory.

#### 3. Composition

Methyl methacrylate, macromers with phosphonic acid and sulphide groups

#### 4. Indications

Luting agent between acrylics / composites and zirconium oxide

#### 5. Contraindications

If a patient has allergies or hypersensitivities to a component of this product, it should not be used or used only under the strict supervision of the attending physician/dentist.

#### 6. Warnings

Danger. Contains methyl methacrylate. May cause an allergic skin reaction.

#### 7. Safety instructions

Avoid inhalation of vapours/spray.

#### 8. Interactions with other medicinal products

The dentist should consider known interactions and cross-reactions of the medical device with other materials already in the patient's mouth before using the product.

#### 9. Processing as luting agent between acrylics / composites and zirconium oxide

##### 9.1 Preparatory work

After finishing, the area to be veneered is blasted with aluminium oxide (50 µm, 2 bar). We recommend blowing off the activated surface with oil-free compressed air. Alternatively, the surface can also be cleaned with steam or acetone after the sand blasting. In both of these cases it is important to ensure that the surface of the zirconium is sufficiently dried afterwards.

##### 9.2 Applying Zirkon Bonder

Apply a rich coat of the Zirkon Bonder with a brush and leave to dry for approx. 1 min. A second coat can be applied if necessary.

#### 10 Troubleshooting List / FAQ List

Fault	Cause	Corrective action
Bond does not grip	Coating uneven with gaps	Ensure an even film is produced when coating, apply a second coat if necessary
	Contamination	Keep surfaces clean and non-greasy
Material evaporated, caked	Bottle left open	Close bottle tightly after use

#### 11 Storage and handling information

The material should be stored at 10°C - 25°C. Close the bottle tightly immediately after use and protect against direct light sources.

#### 12 Shelf life

The maximum shelf life is printed on the label of each bottle. Do not use after the expiry date.

#### 13 Warnings on side effects

With proper preparation and use of this medical device, adverse effects are extremely rare. However, immune reactions (such as allergies) or local discomfort cannot be ruled out completely. All serious incidents which occur in connection with the use of this product are to be reported to the manufacturer indicated below and the competent authority in each case.

#### 14 Instructions for disposal

Leftover quantities and packaging materials are to be disposed of according to the local and/or statutory regulations.

