

Bond

*Dental adhesive system
and bonding agent*

iM3[®]
THE VETERINARY DENTAL COMPANY

For veterinary use only

INSTRUCTIONS FOR USE

1. Carefully prepare the cavity. Composite only adheres to the normal structure of enamel and dentin. It will not stick to caries, it is therefore important to ensure the entire cavity wall is clear of caries. Careful preparation of the entire cavity wall using a microbrush will help retain the restoration and applying it to the margin of the restoration will prevent microchipping that may occur as a result of chewing food.
2. After a thorough preparation, clean the cavity. Etch the entire surface for 15 seconds using iM3 Etchgel. It is acceptable to exclude the bottom of the cavity - the composite does not adhere to demineralised tissue.

POLYMERISATION TABLE

Lamp	Curing time (8 mm sections)
Halogen/LED (500-800 mW/cm ²)	15 s.
LED (800-1200 mW/cm ²)	10 s.

3. Thoroughly cover the cavity with iM3 BOND, carefully rubbing it in for a few seconds. Blow dry air over the bonded area and cure in accordance with the polymerisation table. Make sure the whole surface of the cavity is covered with iM3 BOND, this will ensure a total adhesion of composite to the tooth.

COMPOSITION

iM3 BOND is composed of: Bisphenol A glycerolate dimethacrylate (Bis-GMA), 2-hydroxyethyl methacrylate (HEMA), Ethoxylated Bisphenol A Dimethacrylate (EBAD-MA), ethyl alcohol, catalysts, inhibitors and photoinitiator. It undergoes free radical polymerisation when activated by visible light of wavelength between 400 nm and 500 nm (blue region).

INDICATIONS

iM3 BOND is a light cured dental adhesive system used to bond the hard tissues of the tooth and composite. iM3 BOND is applied to the surface of the preparation to offset shrinkage caused by polymerisation and to prepare the surface of a restoration prior to cementation using dual cure luting cements. It can also provide a means of improving the marginal seal between the restoration and the tooth.

PRECAUTIONS

Avoid contact of unpolymerised product with skin, eyes and the soft tissues of the mouth. In case of such contact, rinse with plenty of water. In case of any adverse reactions, consult a medical professional and/or a veterinary specialist giving information about the product. In case of allergy to methacrylates, stop using the product. In case of late onset of allergic reaction, remove the restoration. In case of aspiration into the respiratory tract, seek immediate medical attention.

LIMITATIONS IN USAGE, INTERACTIONS

Avoid contamination from saliva, blood or moisture. Contamination disrupts the polymerisation process and may affect mechanical properties and marginal integrity. In the case of pulp sensitivity or deep cavities, it is recommended to use a glass ionomer or calcium cavity liner. Do not use iM3 BOND with materials containing eugenol. Such materials disrupt polymerisation. In case of inadequate polymerisation, unpolymerised methacrylates may affect some medications.

ADDITIONAL INFORMATION

In case of any contamination of unpolymerised material, remove the entire layer. In the event of contamination or mechanical damage of the layer that has already been polymerised, gently etch its surface, place iM3 BOND and cure in accordance with the polymerisation table. In the event of insufficient polymerisation, remove the incorrectly polymerised layer, replace it with another one and cure again. Keep iM3 BOND away from flames.

STORAGE

Store at a temperature between 3°C and 28°C (37°F and 82°F). To avoid accidental polymerisation and evaporation of iM3 BOND, recap the bottle immediately after use.

CONTRAINDICATIONS AND WARNINGS

Do not use in patients with a known allergy to methacrylates.

Do not extend the curing time. This may cause overheating of the soft tissues in the mouth.

Keep out of reach of children.

Protect from heat and light.

Do not use after the expiry date.

For use by veterinarians only.

WARRANTY

iM3 will replace products that have been proved to be defective or will refund the price of purchase. iM3 is not liable for any loss or damage caused by misuse or improper use of the product.

Instruction for use issued on 26/07/2018



THE VETERINARY DENTAL COMPANY

USA (800) 664 6348 info@im3usa.com

Australia +61 2 9420 5766 sales@im3vet.com

Ireland +353 (0)1 6911277 sales@im3dental.com

