

# Create

*Light cured dental composite restorative material*

**iM3<sup>®</sup>**  
THE VETERINARY DENTAL COMPANY

*For veterinary use only*

## INDICATIONS

- periodontal splints.
- dental fillings in all cavities.
- permanent restorations using polyaramid, polyethylene and glass fibre supports.
- inlay/onlay procedures.
- temporary crowns.
- endodontic posts.

## PERIODONTAL SPLINTING

Clean, dry, etch and apply iM3 Bond or another bonding agent to the tooth surface. Measure and cut the appropriate length of the fibre. Start splinting either from the centre, from the most mobile tooth, or from the largest interdental gap. Apply a thin layer of iM3 CREATE composite to the first splinted tooth from one interproximal space to another. Carefully push the fibre into the composite. Cure in sections as wide as the curing light lens (about 8 mm). Repeat these steps until all the teeth intended for splinting are connected by the fibre. Then cover the splint with composite, smooth and polish.

## CROWN BUILD UP

Measure the length of the fibre which is to be wrapped around the crown preparation with an overlap of about 2-3 mm. Cut the fibre and press into the composite, polymerise together in sections as wide as the curing light lens (about 8 mm) until the two ends of the fibre wrap around the tooth.

Build the crown with iM3 CREATE composite. For a natural look and colour matching the adjacent teeth, iM3 Colourflow, iM3 Silkflow, colourant and iM3 Glaze can be used to provide characterisation.

## INLAYS / ONLAYS

Cut the required length of the fibre. Apply the first layer of composite, not less than 0.5 mm thick at the base of the cavity. Place the fibre around mid-depth of the cavity. Place the fibre between the biggest cusps of the crown. Build up the inlay so that the chewing surface has a layer of the composite at least 2 mm thick above the fibre.

## POLYMERISATION TABLE

Lamp	iM3 CREATE	20 seconds	30 seconds
Halogen/LED (500-800 mW/cm <sup>2</sup> )	A1, A2, A3	2.0 mm	2.5 mm
LED (800-1200 mW/cm <sup>2</sup> )	A1, A2, A3	2.5 mm	3.0 mm

## COMPOSITION

iM3 CREATE is a light cured dental restorative material composed of: organic matrix (Bisphenol A Glycerolate Dimethacrylate, Diurethane Dimethacrylate, Triethylene Glycol Dimethacrylate and Ethoxy-lated Bisphenol A Dimethacrylate), inorganic fillers (barium-alumino-silicate glass, fumed silica), and additional substances (photoinitiator, inhibitors, stabilisers and pigments). It undergoes free radical polymerisation when activated by visible light at wavelengths between 400 nm and 500 nm (blue region). Mineral fillers make up about 78 wt% of the composite.

## 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 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.

Ensure the correct polymerisation process, especially in areas with difficult access. Make sure that during the irradiation the entire layer is penetrated by the light. Unpolymerised composite may be harmful or allergenic to the patient. It may also cause discolouration of the reconstruction.

Do not use with materials containing eugenol. Such materials disrupt polymerisation. In case of interrupted polymerisation, free methacrylates may affect some medications.

## ADDITIONAL INFORMATION

In case of any contamination or mechanical damage of the placed product, remove the layer and replace it with another one.

## STORAGE

Store at a temperature between 3°C and 28°C (37°F and 82°F). Bring back to room temperature before use. To avoid accidental polymerisation of the composite, the syringe should be closed immediately after use.

## CONTRAINDICATIONS AND WARNINGS

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

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

