

# Colourflow

Light cured flowable dental composite

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

For veterinary use only

## FILLING CAVITIES OF DECAY AND NON-DECAY

Etch for 15-30 seconds (s.), rinse and gently dry the surface. Thoroughly cover the surface with a thin layer of a bonding agent such as iM3 Bond, gently thin out the excess by application of dry air, cure for 10 s. Cure in sections not longer than 8 mm! In the case of very deep cavities, cover the bottom of such cavity with a thin layer of liner and then apply layers of iM3 COLOURFLOW (approx. 1 mm). Cure each layer in accordance with the polymerisation table.

## TEMPORARY SPLINTS

Etch and apply a bonding agent in accordance with the above instructions. Apply a small amount of iM3 COLOURFLOW on the teeth intended for splinting and cure each tooth separately in accordance with the polymerisation table. The layer of iM3 COLOURFLOW is to be clearly visible in order to enable an easy distinction between the dentin and the composite which is to be removed together with the fibres used for splinting.

## FIRST COMPOSITE LAYER

Temporary bite correction.

## INDICATIONS:

- sealing of teeth.
- restoration of teeth.
- temporary dental splinting.

## POLYMERISATION TABLE

Lamp	Colour	20 s.	30 s.
Halogen/LED (500-800 mW/cm <sup>2</sup> )	pink, green, blue, yellow, purple	1.5 mm	2.0 mm
	white, orange	-	1.0 mm
LED (>800 mW/cm <sup>2</sup> )	pink, green, blue, yellow, purple	2.0 mm	2.5 mm
	white, orange,	1.0 mm	1.5 mm
	black, red	-	1.0 mm

**Attention! Do not use halogen lamps for the polymerisation of red and black iM3 COLOURFLOW!**

## COMPOSITION

iM3 COLOURFLOW is a light cured flowable dental material composed of: organic matrix (Bisphenol A Glycerolate Dimethacrylate, Diurethane Dimethacrylate, Triethylene Glycol Dimethacrylate and Ethoxylated 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 61 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 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. Do not use with materials containing eugenol. Such materials disrupt polymerisation. In case of interrupted polymerisation, unpolymerised 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 iM3 COLOURFLOW in the applicator, always retract the plunger of the syringe.

## 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.

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