



## BIO PRODUCTS PTY LTD

34 Secker Road, Mount Barker SA 5251

Telephone 08 8391 2499

[www.BioProducts.com.au](http://www.BioProducts.com.au)

### BIO Water Based ENAMEL and UNDERCOAT

**DESCRIPTION:** Bio Water Based Enamel is an interior water-based washable and durable painted finish without toxic solvents, resins or heavy metals. It is available in a semi-gloss or matt. Natural and renewable materials like plant oils, resins and pigments are used. The paint is suitable for use on doors and windows, skirting boards, architraves, panelling, furniture, cots and toys etc. It has very low VOC – less than 1g per litre.

**PREPARATION:** Surfaces should be well sanded, dry and clean. Flaking, peeling and loose paint should be removed. Fill imperfections with a suitable filler, then sand to a smooth even finish.

Use Bio Thinner to remove greasy, waxy or oily contaminants from surfaces to be painted. Hardwoods and other timbers rich in natural oils, waxes, acids and terpenes should be cleaned using Bio Thinner as these substances may cause a stain and/or prolong drying time. Surface must be completely dry before painting.

Do not apply coatings to unseasoned or wet timber; moisture content should be under 12%.

Do test coats if painting over non-compatible paint systems such as oil based paint, polyurethane or epoxy based coatings. These types of coatings and particularly poor condition surfaces may require complete stripping (use Bio Paint Stripper). If this is not possible, other specialty primers may have to be considered.

**APPLICATION:** Stir thoroughly before use with a broad flat stirrer. Apply one coat of Bio Water Based Enamel Undercoat on new or imperfect surfaces then two coats of Bio Water Based Enamel. Lightly sand if necessary after the undercoat. If you are repainting and the previous coating is sound, no undercoat is required, just apply two coats of Bio Water Based Enamel. If you need to thin the paint to obtain the desired finish, use only water and no more than 5%. Maintain a wet edge when painting. Best results are achieved by applying 2 thin coats. (Note: thick coats of paint cause drips, delay drying and are less durable)

**FOR METAL FINISHING:** The metal surface should be cleaned of all grease, dirt, salt, weld scale, rust and other residue which is likely to affect the performance of a protective coating. A water based specialty metal primer suited to the metal surface must be used. Apply the metal primer as instructed. Allow to dry completely then lightly sand before finishing with two coats of Bio Water Based Enamel.

**DRYING:** On a day of around 25C the drying time is approximately 2 hours. During cold and humid weather allow longer drying time. Apply second and subsequent coats only after previous coat has thoroughly dried.

Do not use below 8C or above 30C. Avoid cold damp conditions such as when rain, dew or frosts are likely to occur. Avoid hot days, direct sunlight and hot surfaces. Adequate ventilation during



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application and drying will reduce the time required for the paint to dry. Avoid steam and condensation for 48 hours. Bio Water Based Enamel reaches maximum durability after 14 days.

**COLOURS:** Bio Water Based Enamel and Undercoat are supplied in a white base. The white base top coat can be tinted with the full range of Bio Natural Mineral Pigments. All colours are intermixable.

**CLEANING:** Brush or roll off as much surplus paint as possible then use warm soapy water.

**COVERAGE:** 1 Litre covers 10-12 m<sup>2</sup> depending on the absorbency of the substrate.

**PACKAGING:** 250ml, 1 Litre and 4 Litres

**INGREDIENTS:** water, resin, calcium carbonate, titanium dioxide, sodium-potassium-aluminium silicate mineral, clay, plant oils, lemon oil, cellulose, borax, preservative. Coloured paint will also contain pigments of metal oxide and minerals.

**STORAGE:** Keep tightly sealed in a cool, dry and frost free place.

**PRECAUTION:** Keep away from and out of the reach of children and pets.

**PAINT DISPOSAL:** Please do NOT pour left over paint down the drain. Unwanted paint should be brushed out on newspaper or cardboard, allowed to dry and then disposed of via domestic waste collection and container recycling bin.

The preceding information is given as a general guide only. Some variations may occur or be advisable for particular conditions. Our responsibility for claims arising from breach of warranty, negligence or otherwise is limited to the purchase price of the material.

There is no manufacturer's liability for applying this product onto non compatible paint systems like oil based enamels, polyurethane, epoxy finishes etc. Directions must be followed. Contact your retailer or the manufacturer for advice. We recommend a test application if there is any doubt.

**Choose BIO for Life. Better for your health, and better for the environment.**