

# BIO PRODUCTS AUSTRALIA PTY LTD

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## BIO WALL PAINT HD interior BIO WALL PAINT PIGMENTS

**DESCRIPTION :** A matt interior paint based on natural and non toxic ingredients, which compliment the original formulas. The paint has a pleasant smell and is available in a range of harmonious colours. For use on interior surfaces such as plasterboard, solid plaster, concrete and mud brick. It is not recommended for use on timber or on timber products such as medium density fibroboard, masonite or particleboard. Bio Wall Paint breathes, while conventional wall paints seal off the walls, which can promote mould growth. Bio Wall Paint HD (Heavy Duty) has been tested by the Department of Defence according to the Australian Standard AS 1580 for scrub-resistant and dry hiding power. It is therefore well suited for schools, restaurants, offices and public buildings with heavy traffic areas. Suitable for use in wet areas. Bio Wall Paint has no Volatile Organic Compounds (VOC) and does not contribute to smog and pollution. It contains no lead, glycol derivatives, aromatic hydrocarbons or styrene compounds.

**PREPARATION :** Prepare the surface in accordance with AS 2311 - Painting of Buildings. The surface to be painted should be smooth, dry and cleaned of greasy and dirty contaminants. New plaster and concrete can be painted after 6 weeks. Remove stains, watermarks, soot etc. seal off with a weak solution of shellac: 200-250 grams Shellac per 1 Litre methylated spirit. Old lime and kalsomine paint must be removed. Oil based and acrylic paint surfaces – semi gloss or gloss - should be sanded with sandpaper. A test strip is recommended on already painted surfaces if compatibility is in doubt.

**PRIMING :** New, highly absorbent and crumbly surfaces must be primed with BIO Wall Primer. Alkaline surfaces must be primed first with a special conventional sealer to prevent saponification of the paint. Plasterboard jointing cement should be left for 48 hours before painting.

**APPLICATION :** Stir thoroughly before use with a broad flat stirrer. May be brushed, rolled or sprayed. Apply one thick coat or two thin coats (may be thinned with water 5%-10% to obtain a smooth flowing consistency). New Gyprock surfaces need two or three coats initially. Airless spraying requires 200 bar/pressure with a nozzle of 0.28 mm Titan -adjustable- or 0.53 mm with a fan angle of 50\*-

**Technical Data: Components:**

Volume solids: 41 %

Spreading rate: 8 - 10sqm per Litre

Density: 1.60

Dry Hiding Power: 97.2

Gloss level at 60/80 degrees 2.3-9.7

**DRYING :** 2-4 hours at 20-23 C/50-55% Humidity. Fully dry after 4-6 hours. May be recoated after about 4-6 hours. Allow 7 days for film to fully cure before washing. Under cold and damp conditions allow a longer drying time. Do not use below + 5 C. Wet film thickness 100 micron, dry film thickness: 41 micron.

**COLOURS** : Bio Wall Paints are supplied in base white or deep base. Bio Wall Paint Pigments are available in a range of colours. The customer tints to obtain the Required colour, however, because the tint is not a paint in itself, a maximum of 1 part of tint to 1 part white is recommended. All tints are intermixable. The standard colours are:

Red    Blue    Violet    Orange    Golden Ochre  
Brown    Ochre    Yellow    Black    Green

Slight variations between colour lots are possible.

Mixing proportions for 4 Liter white Wall paint:

1:100    1%    40 ml of BIO Pigments  
1:50    2%    80 ml of BIO Pigments  
1:20    5%    200 ml of BIO Pigments  
1:10    10%    400 ml of BIO Pigments  
1:1    50%    2000 ml of BIO Pigments

**CLEANING**: Use warm, soapy water.

**COVERAGE**: 1 Liter will covers approx. 8 - 10 sqm. On concrete and rough Surfaces 1 Litre covers approx. 3-5 sqm.

**Fire Hazard Indices in accordance with AS 1530.3**

Ignition time in minutes	0
Spread of flame in seconds	0
Heat evolved in kJ/m <sup>2</sup>	0
Smoke release-non ignited specimens	3

**PACKAGING** : White 250 ml, 1, 4 and 10 Litres.  
Tints 100 ml, 250 ml and 1 Litre.

**INGREDIENTS**: Castor oil, resins, lemon oil, talc (asbestos free), white earth pigments, china clay, iron oxides, metal pigments, earth pigments, calcium carbonate cellulose, mineral oil, borax, water, lecithin, etc., free of cadmium, chromates and lead chromates.

**STORAGE** : Keep tightly sealed in a cool frost free place. Seal well after using. Once opened, use as quickly as possible. Keep out of the reach of children.

**PAINT DISPOSAL**: Do not pour left over paint down the drain. Unwanted paint should be brushed out on newspaper, allowed to dry and then disposed of via domestic waste collection. Let empty paint Container dry out as well and dispose via recycling program.

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.

BIO WALL PAINT and BIO PIGMENTS are environmental friendly products.\

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