

Undercoat

Description

A durable, well-covering, water-based, solvent-free, white undercoat made from natural raw materials. It is highly elastic, water-repellent and easy to sand. BioPaints Undercoat has no Volatile Organic Compounds (VOCs).

Uses

As a water-based undercoat for use with BioPaints Enamel Paint for interior surfaces, including:

- Timber surfaces, such as, windows, doors, sills, mouldings, toys and furniture.
- MDF, chip board, plywood, plaster, wallpaper, plastic, mineral based surfaces (interior only and with a neutral pH).
- Interior metal surfaces including steel, aluminium and copper.

Coverage

- 10-12m² per litre depending on absorbency of the substrate.

Container Sizes

- 500mls, 1 Litre, 2 Litre, 4 Litre.

Ingredients

Water, chalk, titanium dioxide, linseed oil, modified linseed oil, talc, clay, silicic acid, cobalt octoate driers, preservatives permitted by the FDA.

Preparing the Surface

1. Prepare the surface in accordance with standard practise to AS/NZS 2311:2000.
2. Remove old chipped or loose, flaky coats of paint.
3. Fill all holes etc before undercoating.
4. Sand timber and plastic surfaces using 150 - 180 grit sand paper.
5. Ensure the surface is stable, clean and dust free, free from grease and dry (with a maximum moisture content for timber of 12%).
6. Use methylated spirits to remove any grease or hard to remove dirt and allow to dry over night. Wipe timbers containing high amounts of resins or terpenes with methylated spirits or ethyl alcohol, using a lint free cloth - especially on rimu, matai, oak, some tropical timbers, etc, allow to dry overnight.

Always test for adhesion and compatibility on your substrate, particularly on already painted or questionable surfaces.

Applying the Product

1. Do not apply below 5°C and over 80% relative humidity.
2. Stir thoroughly before use.
3. Ventilate well when working with the product and while it is drying.
4. Thin up to 5% with water if necessary.
5. Apply 1 or 2 coats BioPaints Undercoat by brush, roller or spray-gun.
6. Wet coat thickness should be about 100 µm which results into 40 µm dry coat thickness.
7. Spraying details: air pressure 3-5 bar with a nozzle of 1.8-2.2mm (thin with 5-10% water). Airless spraying requires 60-120 bar with a 0.28-0.38mm nozzle. Check spray equipment instructions.

Drying

- Touch dry after 6-12 hours at 20°C at 50-55% relative humidity.
- Can be sanded and recoated after 24 hours at 20°C at 50-55% relative humidity.

Note: The drying time of this product is prolonged by:

High humidity and/or low temperatures during application and drying time; absorption of natural terpenes, oils, waxes or resins from the substrate, poor ventilation and thick coats.

Cleaning

- Clean implements immediately after use with water and BioPaints Heavy Duty Cleaner. If necessary use BioPaints Thinner afterwards.
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Safety Precautions

Natural ingredients can still be harmful to users and the environment if misused, or if accidents occur, so please carefully observe the following:

- Keep out of reach of children.
 - Use with adequate ventilation
 - Avoid contact with eyes and skin.
 - **Keep work materials soaked in BioPaints Undercoat, such as rags, sponges, sanding dust and contaminated clothing in an airtight container, or rinse in water and spread out to dry on a non-combustible surface - danger of spontaneous combustion.**
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Storage

- Seal well and store in a cool, dry and frost free place.
 - Remove any skin that has formed in open containers and sieve if necessary before use.
 - This product has a 12 month shelf life.
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Disposal

- Do not dispose of in drains and wastepipes.
 - Let waste dry out and recycle empty containers where possible. Dispose of according to council regulations.
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Disclaimer

The above information is given as a general guide only. Site conditions will vary and it is always advisable to apply a test sample. Failure to follow the above instructions will void any implied warranties attached to the product. This supersedes any previous data sheets.