

Speciality Undercoat

Description

Speciality Undercoat has been designed as an undercoat to be used in situations where adhesion to a substrate is of primary concern. Speciality undercoat has excellent adhesion to a wide range of substrates and imparts excellent gloss retention on final coats. It is a durable and versatile water-based sealer, primer and undercoat all in one, based on natural raw materials. It is highly elastic, water-repellent and easy to sand. Natural Paint Co Speciality Undercoat is free of Volatile Organic Compounds (VOCs)*. Suitable for interior and exterior use. *as defined by GREENGUARD of less than 5g of VOC/L

Uses

As a water-based undercoat designed specifically for interior and exterior surfaces, including:

- Timber surfaces (some limitations on Cedar)
- Vinyl wallpaper
- Most painted surfaces
- Some varnished surfaces (will not block all tannin leaching)
- Plastics, fibreglass and glass (limitations apply)
- Metal surfaces (properly primed with a zinc primer or rust converter)

Coverage

- 8 - 12m² per litre depending on absorbency of the substrate.

Container Sizes

- 500mls, 1 Litre, 2 Litre, 4 Litre, 10 Litre

Ingredients

Water, titanium dioxide, Calcium Carbonate, Castor Oil, Clay Powder, China Clay, Magnesium Silicate, Dispersant, APEO free Resin, Thickener, Sodium Salt, Surfactant, Food Additive E1520, Coalescent, Biocides <0.05%

Preparing the Surface

1. Prepare the surface in accordance with standard practice 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 sandpaper.



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 detergent to remove any grease or hard to remove dirt and allow to dry. Wipe timbers containing high amounts of resins with thinners or ethyl alcohol, using a lint free cloth - especially on 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 10°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 in hot weather.
5. Apply 1 or 2 coats Speciality 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: Airless Spraying 515-517 tip for general application. Check spray equipment instructions and adjust pressure setting as required.

Drying

- Touch dry after 60 minutes at 20°C at 50-55% relative humidity.
- Can be sanded and/or recoated after 2 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.

When applying to difficult substrates such as plastic, metal and glass you may need to leave undercoat to fully cure for up to 1 month to ensure adequate adhesion prior to top coating. Regularly test adhesion until confident it is ready for top coat.

Cleaning

- Clean implements immediately after use with warm, soapy water. If necessary, use thinner afterwards.

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 Speciality 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.
- Highly alkaline. Splashes on glass, ceramic, stone, aluminium, lacquer etc must be washed off immediately with water.
- Avoid breathing spray mist.

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.

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.

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.

