



INTERIOR PVA PAINT TECHNICAL DATA SHEET

PRODUCT DESCRIPTION:

Evolve paint is a new generation, non-drip, low sheen interior PVA paint with a unique combination of green benefits for the consumer.

INTENDED USES:

For application to correctly prepared interior surfaces, including cement plastered walls, gypsum ceiling boards, metal, wood, fibre cement and ceramic wall tiles.

FEATURES:

- 100% lead free.
- 70% organic raw materials – sustainable manufacturing process followed, which is kinder to the environment.
- 0% solvents – no harmful solvents, with much lower paint smell associated with painting and no health consequences due to harmful solvents.
- Zero VOC – Evolve contains less than 5g/litre VOC (volatile organic compounds), providing safer and cleaner breathable air during painting and for the life of the paint application, with a reduced chance of skin or eye irritation while painting.
- APEO (alkylphenol ethoxylates) and formaldehyde free.
- 10-year quality guarantee.
- Aesthetically pleasing, low sheen finish.
- Thixotropic gel for ease of application.
- Water and steam resistant.
- Non-yellowing – unlike with alkyd-based paints, whites remain white.
- Mar and scratch resistant.
- Resists staining; easy to clean and to remove dirt and grime.
- Water based, low odour, quick drying and easy cleaning of painter tools with water.
- Excellent coverage.
- Good adhesion – can be applied directly to correctly prepared previously coated, sound surfaces.

PRODUCT INFORMATION:

Appearance:	Low sheen
Colours:	White and 20 ready-to-use colours
Solids:	±40% by mass and ±30% by volume
Density:	1.15-1.27 kg/litre (depending on colour)
Recommended dry film thickness:	2 coats at ±35 µm per coat minimum
Recommended wet film thickness:	2 coats at ±125 µm per coat minimum
Spreading rate:	6-10 m ² /litre, dependent on surface texture and porosity
Viscosity at 23°C:	Thixotropic gel

In collaboration with:



Manufactured in South Africa by Prominent Paints.
Exclusively packed for Masstores (Pty) Ltd.
Reg No: 1991/006808/07
16 Peltier Drive, Sunninghill, Sandton.

Exclusive to:



Life expectancy:

10-year quality guarantee

Flash point:

Non-flammable

Calculated max. VOC:

Zero VOC

Respecting the environment:

100% lead free, Zero VOC*, 0% solvents and 70% organic raw materials***.**

Notes:

*Paint containing less than 5 grams of VOC per litre.

**Paint containing less than 5 grams of solvents per litre.

***Organic materials are defined as non-petroleum based. Dispose of excess product and containers in a responsible manner, without harming the environment.

This product is manufactured under strict SABS ISO 9001 quality standards.

STORAGE & TRANSPORTATION:

Store in a cool, dry place with adequate ventilation and away from open flames, direct heat or severe cold.

Keep container properly sealed. To avoid any risk of spillage, always transport in a secure, upright position.

PACKAGING:

1 Lt, 4 Lt

APPLICATION DETAILS:

Mixing:

Stir product in the container regularly with a flat paddle to ensure an even consistency during painting with immediate recovery of gel structure.

Method:

Roller (preferably mohair), brush or airless spray gun.

Thinning:

Not recommended, but if required use water, 10% maximum.

Cleaning:

Tap water.

Conditions:

Temperature between 5°C and 40°C, relative humidity of less than 85%, preferably between 10:00 and 16:00. Ideally, apply when the temperature of the substrate is at least 2°C above dew point, if possible away from direct sunlight.

Drying time:

Touch dry: **1 hour** at 23°C. Note: higher temperatures will accelerate the drying times (approximately halved for every 10°C increase) while lower temperatures will retard the drying times (approximately doubled for every 10°C decrease).

Recoating time:

4 hours at 23°C.

Requirements:

2 coats.

SURFACE PREPARATION:

1. PREPARE

All interior surfaces to be painted should be sound, clean and dry (moisture content of less than 15%) before painting.

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2. PRIME

New surfaces:

- Rust-free mild steel and galvanised iron: Degrease and apply Evolve Multi-surface Interior Primer.
- Weathered mild steel and galvanised iron: Remove rust, degrease and apply Evolve Multi-surface Interior Primer.
- Wood: Apply Evolve Multi-surface Interior Primer.
- Cement plaster and gypsum plaster: Apply Evolve Multi-surface Interior Primer or use a suitable plaster primer.
- Ceramic wall tiles: Sand to a matt finish, degrease and apply Evolve Multi-surface Interior Primer.
- Formica/melamine (non-working surfaces): Wash with degreaser and abrasive pad, rinse with water and apply Evolve Multi-surface Interior Primer.
- Damp: Use a damp-seal product according to the manufacturer of the product's specifications on areas where damp and moisture damage is visible before coating with Evolve Interior PVA Paint.
- Rhinolite surfaces: Use correct plaster primers for good adhesion before overcoating with Evolve Interior PVA Paint.

Redecorating:

- Enamel paint: Sand well, brush clean and apply Evolve Multi-surface Interior Primer.
- Emulsion paint: Clean well with paint friendly degreaser and apply Evolve Multi-surface Interior Primer.
- Chalky surfaces: Remove chalkiness before applying a suitable primer to condition the chalky surface before overcoating with Evolve Interior PVA Paint.
- Poor condition: Surfaces need to be stripped down and treated as new work.

3. PAINT

- Stir product in the container regularly with a flat paddle to ensure an even consistency during painting.
- Apply product using the application method icons guideline.
- Apply 2 coats of Evolve Interior PVA Paint to the primed surface.
- Allow 4 hours' drying time between coats.

LIMITATIONS:

- To ensure a consistent appearance, ensure that the batch numbers on all containers are the same. Where batch numbers on containers differ, intermix before use.
- Tinting is not recommended.
- Evolve should not be applied on horizontal surfaces (floors, floor tiles or working surfaces).

SAFETY PRECAUTIONS:

- Keep out of reach of children.
- Wear a suitable dust mask when sanding.
- Ensure adequate ventilation during application and drying.
- Avoid contact with skin. If contact with skin should occur, wash immediately with warm water and soap or a recognised skin cleaner.
- Avoid contact with eyes. In case of contact with eyes, rinse immediately with running water and seek medical advice.
- If product is ingested, drink plenty of water or milk. Do not induce vomiting at any time. Seek medical advice.

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- Refer to the Material Safety Data Sheet (MSDS) for detailed information about the product and transportation and classification criteria.
- The MSDS is available on www.evolvepaints.co.za.

DISCLAIMER:

The information contained herein is given in good faith and is meant merely as a guide for the specifier or user. It is gained from results obtained from our experience and tests carried out under controlled conditions. No warranty/guarantee is implied since the conditions of use, application method, substrate and cleanliness of the substrate are beyond Prominent Paints' control. For surface-specific specifications contact the Prominent Paints Customer Care Centre for assistance. This issue supersedes all previous publications.

Important note: Technology may change with time, necessitating changes to this Technical Data Sheet (TDS). It is the responsibility of the user to ensure that the latest TDS is being used for reference. Evolve Technical Data Sheets are available on www.evolvepaints.co.za or from the Prominent Paints Customer Care Centre on 011 389 4746.

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