

Avery Dennison™ Painting Recommendation

Interior Walls Using Viponds Self Adhesive Prep Paint System

Introduction

A smooth, well prepared surface is critical for adhesion of pressure-sensitive films for indoor wall graphics applications. This Instructional Bulletin is designed to help you achieve a smooth and properly dried painted wall surface using Viponds Self Adhesive Prep Coat paint system.

These instructions are suitable for interior application on:

- Existing painted walls (including acrylic or enamel painted surfaces)
- New unpainted walls (including plasterboard, MDF or plywood)

Application Tools & Equipment

- High quality filler
- Paint scraper
- Medium (80 grit) and Fine (120 to 240 grit) abrasive paper
- 4 to 6mm mohair or synthetic rollers
- Broad flat stirrer, Painting tray and Paint brush (for small areas only)
- Viponds Self-adhesive Prep Undercoat
- Viponds Self-adhesive Prep Topcoat Satin (clear or coloured)

Existing Painted Wall Surface Preparation

It's extremely important to prepare a smooth surface before applying Viponds Self Adhesive Prep paints.

- Ensure the surface is dry and in sound condition, free of any loose material.
- If the paint is loose or flaking off, use a scraper to remove before proceeding.
- If required fill any cracks or imperfect areas with high quality filler.
- Sand back any existing painted or filled surface with Medium then Fine abrasive paper to remove any texture and gloss on the surface so it is smooth and even.
- If unable to smooth a rough textured painted surface by sanding it is then required to be filled with high quality filler and sanded with Medium then Fine abrasive paper.

New Unpainted Wall Surface Preparation

- Fill any holes or joins with filler and sand surface with abrasive paper until smooth and even.

Application Procedure

- Do not apply if air or surface temperatures are below 10°C or above 30°C.
- Ensure the surface is clean and dust free before proceeding to paint.
- In order to produce a smooth paint finish, it is critical that only a 4 to 6 mm nap mohair or synthetic roller is used for applying both the undercoat and topcoat finish.
- Spot undercoat any areas which were filled with Viponds Self Adhesive Prep Undercoat, followed by one full undercoat over the entire area.
- Undercoat is not required for existing painted surfaces which were sanded and no filler was used.
- Avoid bubble formation. Lay off with a dry roller (i.e. same roller with minimal paint loading) to eliminate any bubbles.
- Stir paint with broad flat stirrer. Apply with roller, spray or brush (for small areas).
- Inspect the surface between coats and sand any high spots and imperfections before applying the next coat.
- A minimum of two (2) thin coats of Viponds Self Adhesive Prep Topcoat is required.

Re-Coating and Drying

- Ambient conditions should be above 15°C and below 55% relative humidity (RH).
- Under the above ambient drying conditions coatings will be touch dry in 30 minutes and can be re-coated after 2 hours. These times will be longer under colder (<15°C) or humid (>55% RH) conditions.
- Under humid conditions the use of fan assisted air flow over the paint coating system is recommended to obtain full cure.

- **Viponds Self Adhesive Prep must be dried for at least 24 hour for clear and white paint, and 48 hours for coloured paint in 15°C to 25°C ambient temperature and less than 55% RH conditions before Avery Dennison pressure-sensitive adhesive films can be applied.**
- *Longer drying times are required in colder (<15°C) and/or humid conditions (>55% RH).

Clean up, Thinning and Coverage

- If thinning is required use clean water only.
- Clean equipment with water, methylated spirits will soften and assist clean up of paints.
- Coverage per coat is approximately 14m²/L for Undercoat and 16m²/L for Topcoat.

Paint Guide

Wall Surface/Preparation	Application Conditions	Viponds Self Adhesive Prep		Re-Coat Drying Time (hrs)*	Drying Conditions*	Drying time - White & Clear (hrs)	Drying time - Colours (hrs)	Finish required #
		Undercoat - Coats Required	Topcoat - Coats Required					
Existing painted wall, sanded only	15-25 °C	Not required	2	2	>15°C, <55% RH	24	48	Level 5
Existing painted wall, filled and sanded		1	2	2				
New unpainted wall		1	2	2				

*Good condition surfaces should meet AS/NZS 2598.1.1997, level 5 finish, see notes.

*Longer drying times are required in colder (<15°C) and/or humid conditions (>55% RH).

Special Notes

- It is important to wipe the cured painted surface with a water dampened lint free cloth, then dry with a second dry lint free cloth, before applying Avery Dennison pressure-sensitive adhesive films.
- Once the wall has been prepared refer to the Avery Dennison Instructional Bulletins for interior wall decal application Guidelines.
- Viponds Self Adhesive Prep Coat is available in semi gloss, satin and low sheen in clear and coloured finishes.
- Semi gloss and satin finish are recommended for removable and permanent Avery Dennison pressure-sensitive adhesive films
- A low sheen finish is available but is only suitable for permanent Avery Dennison pressure-sensitive adhesive films
- As the integrity of previously painted surfaces is typically unknown, following the painting recommendations as outlined in this guideline gives no assurance of removability of Avery Dennison pressure-sensitive adhesive films.
- The painting recommendations are based on AS/NZS 2311-2000 – Guide to Painting of Buildings.
- #Specification choice – Level 5 Finish – All framing, plasterboard lining, jointing and finishing shall be carried out to a level 5 finish in accordance with AS/NZS 2598.1.1997 “Gypsum linings in residential and light commercial construction – Application and finishing Part 1 Gypsum plasterboard” – Appendix G. This is to ensure a smooth, flat as possible final painted surface finish, for successful installation of pressure-sensitive adhesive films.

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1. The information in this recommendation sheet was prepared using information gathered during successful field and lab trials.
2. This information is based on the data believed to be accurate by Viponds Paints and Avery Dennison at the time of writing but is subject to change without notice.
3. This information is given in good faith, for assistance of users and is of a general nature.
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Revisions have been italicized.

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