



Guide specifications for Designers and Specifiers:

This document is to be used to assist in the specification of Smart Wall Paint™.

SMART WALL PAINT DRY-ERASE WHITEBOARD PAINT

1. GENERAL

1.1. SECTION INCLUDES

This Section specifies field-applied dry-erase coatings including surface preparation and primer.

1.2. RELATED SPECIFICATION SECTIONS

- 1.2.1. Gypsum Board Assemblies; gypsum board substrate.
- 1.2.2. Visual Display Surfaces; whiteboard and chalkboard substrates.

1.3. QUALITY ASSURANCE

- 1.3.1. VOC - Eurofins Certificate No 392-2014-00186701B_02
- 1.3.2. M1 - Eurofins Certificate No 392-2014-00186701A_02
- 1.3.3. Indoor Air Quality -Eurofins Certificate No 392-2014-00186701C_02
- 1.3.4. Minimum 4 years manufacturing dry-erase coatings.
- 1.3.5. Mock-ups: Prepare mock-ups for Architect's review and to establish requirements for substrate finish and final coating application, texture and colour.
 - 1.3.5.1. Install dry-erase coatings mock-up in area designated by Architect.
 - 1.3.5.2. Modify method of application / installation or quality of substrate finish as directed by Architect to comply with specification requirements.
 - 1.3.5.3. Maintain mock-ups accessible to serve as a standard of quality for this Section.
 - 1.3.5.4. Accepted mock-ups may remain in place.

- 1.3.6. Use recommended proprietary cleaning materials and accessories as supplied by Smarter Surfaces.

1.4. DELIVERY, STORAGE, AND HANDLING

- 1.4.1. Deliver materials in original factory wrappings and containers, clearly labelled with manufacturer, product name, and fire hazard classification.
- 1.4.2. Store materials in original undamaged packages and containers inside a well-ventilated area protected from weather, moisture, soiling, extreme temperatures, and humidity. Store at temperatures above 12 degrees C. Do not allow product to freeze.

1.5. PROJECT CONDITIONS

- 1.5.1. Maintain ambient temperature not less than 12. C minimum and 40C maximum
- 1.5.2. Do not install Smart Wall Paint if humidity is above 75%

1.6. WARRANTY

- 1.6.1. Smarter Surfaces provides a 10 Year performance Warranty on Smart Wall Paint whiteboard paint.
- 1.6.2. During the warranty period, the product is guaranteed not to crack or peel, to resist staining and yellowing, and to show no appreciable fade when used with the appropriate whiteboard accessories.
- 1.6.3. The warranty only applies if the product has been properly installed following our application instructions. The warranty will not apply to any product that has been subject to misuse, abuse, damage, neglect or accident beyond Smart Wall Paint's limitations (including but without limitation;

environmental conditions and direct impacts)

1.6.4. The warranty extends only to full or part replacement of the product and does not cover installation or any other costs that may arise.

2. PRODUCTS

2.1. MANUFACTURER

2.1.1. Manufacturer: Smarter Surfaces, 13 Graville Mews, Rathgar Road, Dublin 6, Republic of Ireland. Website: www.smartersurfaces.com

2.2. PRODUCTS

2.2.1. Dry Erase Coating: Smart Wall Paint, 2-part, coating by Smarter Surfaces.

Provides a surface suitable for use with dry-eraser markers.

2.2.1.1. Colour: Manufacturers standard colours as follows:

White RAL 9003

Clear /Transparent

2.2.1.2. VOC < 10g/litre

2.2.1.3. Coverage: As indicated per kit (available in 2m², 6m² and 34m²)

2.2.1.4. Contains invisible ultra violet quality signature

2.2.2. Primers

2.2.2.1. Smart Primer as supplied by Smarter Surfaces

2.2.2.2. Standard primers or wall paints are not suitable as a primer for Smart Wall Paint

2.2.3. Roller Sleeves

2.2.3.1. Foam or lint free mohair roller as supplied by Smarter Surfaces.

3. EXECUTION

3.1. EXAMINATION

- 3.1.1. Examine areas and conditions in which dry-erase coatings will be installed.
- 3.1.2. Complete finishing operations, including painting, before beginning installation of dry-erase coatings.
- 3.1.3. Wall surfaces to receive dry-erase coatings shall be smooth, dry and free from dirt, grease, loose paint, scale and other imperfections.
- 3.1.4. Do not proceed with installations until unsatisfactory conditions have been corrected.

3.2. PREPARATION

3.2.1. Surface Preparation:

- 3.2.1.1. Remove hardware, accessories, plates and similar items to allow dry-erase coatings to be installed.
- 3.2.1.2. Repair damaged areas by filling voids with filler. Sand smooth repaired or textured surfaces. Scuff glossy and non-porous surfaces using smooth grit sandpaper. Walls should be flat and smooth; imperfections and visible seams will be highlighted by the coating.
- 3.2.1.3. Plaster Surface / Plasterboard: Remove surface dust. In new work use moisture meter to determine moisture content. Do not begin installation when moisture content is greater than five percent.
- 3.2.1.4. Previously Painted Surface: Remove loose paint or scale. Repair imperfections, sand surface of enamel or gloss paint with fine sandpaper and remove dust.
- 3.2.1.5. Wood / MDF /Metal: Fill any imperfections, Fixings, Joints sand with fine sandpaper and remove dust.

3.2.2. Prime

- 3.2.2.1. Prime the surface using selected Smart Primer using a minimum of

two coats. Absorbent or unpainted surfaces may require additional coats of primer.

3.3. APPLICATION

3.3.1. Comply with manufacturers printed installation instructions. Mix components in strict accordance with manufacturer's instructions. Pot life is 1 hour maximum.

3.3.2. Apply dry-erase coating with specified roller only. Comply with the following:

3.3.2.1. Inspect primed surface to ensure a non-absorbent substrate and the quality of desired colour.

3.3.2.2. Apply a smooth even single coat ONLY. Do not recoat or touch up applied coating.

3.3.2.3. Paint surface by working from one end to the other.

3.3.2.4. Begin by cutting in the edges of an approximately 50cm wide section.

3.3.2.5. Paint 50cm wide section, maintaining a wet edge.

3.3.2.6. Roll new section into wet edge.

3.3.2.7. Continuously check for skips, holes, and misses as application progresses.

3.3.2.8. Remove masking tape within 1 hour of painting.

3.3.3. Coating shall cure for a minimum of 5 days after application before use.

3.3.4. Application Rate: as per pack contents

3.4. CLEANING & REPAIR

3.4.1. Daily erasing and cleaning should be done with a microfiber eraser or microfiber cloth. For periodic and more thorough cleaning, use Smarter Surfaces cleaning spray.

3.4.2. Surfaces under heavy usage: remove marker residue build up with Smarter Surfaces cleaning spray.

3.4.3. If damaged, the original surface should be repaired, primed and sanded with fine sandpaper and recoated.

3.5. PROTECTION

Protect installed product and finished surfaces from damage during construction