Write Erase
Anti-Graffiti & Whiteboard Coating

PRODUCT DESCRIPTION
A two pack, aliphatic polyester modified polyurethane anti-graffiti and whiteboard coating

INTENDED USES
Write Erase Whiteboard Coating is available in White and Clear. Clear gloss finish allows one to turn any wall into a dry erase board without sacrificing the wall’s original colour. Unlike traditional white dry erase coatings, Write Erase Coating Clear is crystal clear and won’t change the room’s aesthetics/appearance.

Write Erase has been formulated exclusively for contractors and the DIY enthusiast to turn any surface into a “whiteboard”. Who says a ‘whiteboard’ has to be white?

Used in schools, conference rooms, offices, at home or over any good quality painted surface and many other substrates be it wood (including a cleaned chalkboard surface), metal or concrete.

Write Erase can be applied to surfaces to enable easy clean-off of graffiti. It can be used for protection of infrastructure items such as telephone distribution housings which are the targets of persistent graffiti pollution.

CHARACTERISTICS
- Cures to a tough and durable ‘tile’ like finish
- The non-stick chemical additive provides good marker resistance and an anti-graffiti effect
- Transforms virtually any interior substrate of any colour into a workable dry erase surface.
- Excellent colour and gloss retention
- Non-chalking & non-yellowing
- Transparent coating allows one to keep the colour one really wants, providing maximum versatility and functionality that works with the established aesthetics of the room.
- Resistant to mild chemicals, salt water, mineral and vegetable oils, paraffin’s, aliphatic solvent, dilute industrial chemicals & aqueous solutions
- Can be applied in a variety of settings, including schools, offices, homes and more.
- Simple to coat or overcoat — just lightly sand the wall, apply a quality primer followed by the new topcoat, applied to the surface.

PRODUCT INFORMATION

<table>
<thead>
<tr>
<th>Colour</th>
<th>White &amp; Clear</th>
</tr>
</thead>
<tbody>
<tr>
<td>Finish</td>
<td>Gloss</td>
</tr>
<tr>
<td>Density</td>
<td>1.0 kg/litre</td>
</tr>
<tr>
<td>Volume Solids</td>
<td>60% ± 3%</td>
</tr>
<tr>
<td>Typical Film Thickness</td>
<td>50 microns (83 Wet) per coat</td>
</tr>
<tr>
<td>Mix Ratio (volume)</td>
<td>2 : 1</td>
</tr>
<tr>
<td>Theoretical Coverage</td>
<td>12.00 m²/litre at 50 microns, allow loss factors</td>
</tr>
<tr>
<td>Method of Application</td>
<td>Airless Spray, Brush, Conventional Spray, Roller</td>
</tr>
<tr>
<td>Flash Point</td>
<td>Mixed 23°C</td>
</tr>
<tr>
<td>Induction Period</td>
<td>Not Required</td>
</tr>
</tbody>
</table>

Specialized Coating Systems (Pty)Ltd
www.speccoats.co.za
0861 37 2468
**Write Erase**  
Anti-Graffiti & Whiteboard Coating

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**DRYING INFORMATION**

<table>
<thead>
<tr>
<th>Drying Information</th>
<th>-5°C</th>
<th>0°C</th>
<th>10°C</th>
<th>20°C</th>
<th>30°C</th>
<th>40°C</th>
</tr>
</thead>
<tbody>
<tr>
<td>Touch Dry</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>1 hr.</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Hard Dry</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>16 hrs.</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

**Time for writing**

<table>
<thead>
<tr>
<th>Substrate Temp.</th>
<th>-5°C</th>
<th>0°C</th>
<th>10°C</th>
<th>20°C</th>
<th>30°C</th>
<th>40°C</th>
</tr>
</thead>
<tbody>
<tr>
<td>Minimum*</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>7 days.</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Full Cure</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>14 Day.</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

**Note**  
Drying and overcoating times quoted are measured at 50 microns DFT, at higher film thickness times will be increased.  
*Allow 7 days to cure, after 7 days and before 14 days all marking should be removed same day. After full cure writing and markings can be left without erasing. Should there be any markings irremovable within 7-14 days, it can be removed with the aid of **Aeroclean Whiteboard Cleaner**

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**SYSTEMS AND COMPATIBILITY**

Write Erase should be applied over a recommended priming system.

Check surface preparation guidelines, if unsure of anything consult the Speccoats Technical Department

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**MIXING INSTRUCTIONS**

**Mixing**

Material is supplied in two containers as a kit. Always mix a complete kit in the quantities supplied. Once mixed the product should be used within the pot life specified

Stir the base component well with a flat-bottomed paddle or mechanical mixer until product is uniform. Continue stirring and add the entire contents of the activator container. Continue stirring until the mixture is homogeneous.

Ensure that sufficient material be mixed so that the product can be applied within its use-able life

The temperature of the mixed product should preferably be above 10°C, otherwise extra solvent may be required to obtain application viscosity.

Too much solvent results in reduced sag resistance and slower cure

Thinner should be added after mixing both component’s for spray application only

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SURFACE PREPARATION

New Work

Cement plaster, concrete and unglazed brickwork: Ensure that concrete has dried for at least 28 days and other masonry surfaces for 14 days. Remove oil, grease, dirt and any other contamination with Hydrosolve Degreaser followed by fresh water rinses to remove traces of detergent. N.B. Soft, under bound, friable and highly porous surfaces must be restored to a sound condition with Ultimate Alkali Plaster Primer or Ultimate Bonding Liquid followed by and Ultimate Matt Topcoat, if a colour is required, or application direct to Bonding liquid if a clear finish is required.

Fibre Cement: Remove any loose particles and laitance by most suitable means. Apply 1 coat of Ultimate Bonding Liquid. Allow to dry for 16 Hours. Ultimate Bonding Liquid must be overcoated within 3 days after application with Ultimate Matt colour coat.

Gypsum Plaster (e.g. Rhinolite, Cretestone): apply one coat of Ultimate Alkali Plaster Primer. If a gypsum plaster has been used as the joint skimming filler on gypsum board or dry wall partitioning, then these areas must be primed and sealed with Ultimate Plaster Primer followed by application of Ultimate Matt colour coat.

Wood: sand smooth with 150 grit paper working in the direction of the grain. Dust off and seal knots and resinous areas with Timba Knot Seal. Apply Write Erase Clear direct to wood.

Mild Steel: Degrease with Hydrosolve degreaser. Rinse thoroughly with water. Remove any rust by coarse sanding, mechanical grinding etc. or Rust Remover Gel. Prime general surface same day using Ultimate Anti-Corrosive Primer and Ultimate Matt Colour Coat, alternatively apply Write Erase direct to surface for clear finish.

Galvanized Steel: Clean with Galvanized Iron Cleaner to achieve a water break free surface. Rinse thoroughly with water to remove all traces of cleaner. Prime same day with Ultimate Anti-Corrosive Primer followed by Ultimate Matt and Write Erase Clear.

PVC Gutters and down pipes: Clean and sand lightly. Prime with Ultimate Anti-Corrosive Primer

Previously Painted Surfaces

Previously painted surfaces in good condition: Remove loose and flaking paint back to a sound substrate and a firm edge by scraping and sanding. Spot prime bare areas with appropriate primer. Clean with Sugar Soap solution to remove all contaminants and chalked material. Rinse with clean water to remove all traces of Sugar Soap. Alternatively, clean with high pressure water jet. Sand glossy enamel surfaces to a matt finish to aid adhesion.

Chalky surfaces: Remove completely by scraping, wire brushing, sandpapering, etc. to expose the underlying substrate. Apply Ultimate Bonding Liquid or Ultimate Alkali plaster Primer. N.B. Bonding Liquid must be allowed to dry for 16hrs and overcoated within 3 days after application.

Previously painted surfaces in poor condition: Completely remove paint by most appropriate means or by stripping with Paint Stripper. Treat as for new work.

Filling: Fill defects with Crack Filler, Ultimate Plastaskim Fine or HB or as appropriate. Seal Exterior surfaces with Ultimate Alkali Plaster Primer). Fill wood with Timba Woodfiller and seal with Ultimate Alkali Plaster Primer.
### APPLICATION

<table>
<thead>
<tr>
<th>Mix Ratio</th>
<th>2 part(s) base : 1 Part(s) Activator by volume</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pot Life</td>
<td>1 hour at 20°C</td>
</tr>
<tr>
<td>Airless Spray</td>
<td>Recommended</td>
</tr>
<tr>
<td>Pot Life</td>
<td>Tip range 11-17 Thou. Pressure at the tip should not be less than 140 bar (2000 PSI)</td>
</tr>
<tr>
<td>Air Spray (Pressure Pot)</td>
<td>Recommended</td>
</tr>
<tr>
<td>Gun</td>
<td>Pressure Feed</td>
</tr>
<tr>
<td>Fluid Tip</td>
<td>1.1 mm to 1.6 mm</td>
</tr>
<tr>
<td>Air Spray (Conventional)</td>
<td>Suitable</td>
</tr>
<tr>
<td>Gun</td>
<td>Gravity Feed</td>
</tr>
<tr>
<td>Fluid Tip</td>
<td>1.1 mm to 1.6 mm</td>
</tr>
<tr>
<td>Brush</td>
<td>Suitable</td>
</tr>
<tr>
<td>Roller</td>
<td>Suitable</td>
</tr>
<tr>
<td>Thinner</td>
<td>PU Thinner Slow</td>
</tr>
<tr>
<td>Cleaner</td>
<td>SA65 Thinner</td>
</tr>
</tbody>
</table>

### APPLICATION GUIDE

- Use sticky tape to remove any loose fibres that may be on the roller sleeve before use
- Cut in the edges using a brush
- Use the clean roller tray, roller sleeve and roller handle provided in the kit (if a primer or sealer was used, change the roller sleeve)
- Work from left to right overlapping each pass 50% ensuring a “wet” roller.
- Roll in a metre section at a time
- Pass the roller over the surface area ten times in one application
- Check to ensure there are no missed spots or light coverage; if evident, re-roll with more material

### Work Stoppage

Do not allow material to remain in spray equipment after use, thoroughly flush and clean all equipment with Lacquer Thinner. Once the kit has been mixed they should not be re-sealed and it is advised that after prolonged stoppages, work recommences with freshly mixed units.
Clean Up
Clean all equipment immediately after use with SA65 Thinner. It is advisable to periodically flush out spraying equipment during the course of the working day. Frequency of cleaning is dependant on the amount sprayed, temperature and elapsed time. Work strictly in accordance with the specified pot life of the material.

Environment

<table>
<thead>
<tr>
<th></th>
<th>Surface Temperature</th>
<th>Ambient Temperature</th>
<th>Relative Humidity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Minimum</td>
<td>7°C*</td>
<td>10°C</td>
<td>No lower limit</td>
</tr>
<tr>
<td>Maximum</td>
<td>40°C</td>
<td>45°C</td>
<td>85%</td>
</tr>
</tbody>
</table>

*or 3°C above the dew point

LIMITATIONS

- Low temperature, high relative humidity and condensation occurring during or immediately after application may result in a matt finish and inferior film.
- Premature exposure to water will cause colour change, especially in dark colours and at low temperatures.
- Overcoating information is given for guidance only and is subject to local climate and environmental conditions. Consult a Speccoats™ representative for specific recommendations.
- Apply in good weather. Temperature of the surface to be coated must be at least 3°C above the dew point. For best results bring the material temperature between 20-30°C, unless specifically instructed otherwise, prior to mixing with and application.
- Unmixed material (in closed containers) should be maintained in protected storage in accordance with information given in the STORAGE section of this data sheet.
- Technical and application data herein is for the purpose of establishing a general guideline of the coating application procedures.
- Test performance results were obtained in a controlled laboratory environment and Speccoats™ makes no claim that the exhibited published test results, or any other tests, accurately represent results found in all field environments. As application, environmental and design factors can vary, due care should be exercised in the selection and verification of the performance and use of the coating.
- Overcoating aged finishes/topcoats; although no maximum overcoating time is given in the data sheet, certain precautions must be taken prior to overcoating. Slight chalking will have occurred due to UV exposure and the surface will have been exposed to pollutants in the atmosphere. These surface contaminants must first be removed by washing with Hydrosolve and light abrasion using Scotchbrite pads followed by rinsing with drinking quality water.
UNIT SIZE

Kit Size

1m²
2m²
5m²
10m²
25m²

STORAGE

Shelf Life

Part A 24 months minimum at 25°C
Part B 12 months minimum at 25°C

Subject to inspection thereafter. Store in dry conditions out of direct sunlight away from source of heat or ignition.

IMPORTANT NOTE

Whilst we endeavour to ensure that all advice we give about the product is correct, the information given in this data sheet is not intended to be exhaustive and any person using the product for any purpose other than that specifically recommended in this sheet without first obtaining written confirmation from us as to the suitability of the product for the intended purpose does so entirely at his own risk. As conditions of use, method of application and suitability of the substrate prior to painting are beyond our control, no guarantee is implied by the recommendations contained herein. We therefore do not accept any liability whatsoever or howsoever arising from the performance of this product or for any loss or damage arising out of the use of this product. The information contained in this sheet is liable to modification from time to time in the light of experience and ongoing product development programmes. It is the user’s responsibility to ensure that this sheet is current prior to using the product.

PRECAUTIONS

For complete safety and handling information please refer to the appropriate Safety Data Sheets prior to using this product.