

RENDETEX™

ArmourGuard Low Sheen Membrane

Product Code: **RALSMW15 / RALSMDT15 / RALSME DT15**

Product Description

Haymes Rendertex ArmourGuard is a durable, water based impact coating, designed to provide fashionable colour choice and long-term external protection for all masonry surfaces. Haymes Rendertex ArmourGuard is a flexible low sheen membrane coating with excellent crack bridging properties; it is able to bridge cracks greater than 5 times the dry film thickness when applied in accordance with the product data sheet. ArmourGuard is applied using the same techniques as high quality exterior acrylic paints, but provides a higher film build for substrates prone to movement.



Product Features:

- ✓ 10 Year Warranty*
- ✓ Superior dirt resistance
- ✓ Excellent flexibility to bridge hairline cracks
- ✓ Algal and fungal resistant
- ✓ Excellent water resistance & vapour permeability

Typical Applications

Interior and exterior brick, render, masonry, concrete, plaster and pre-painted surfaces and areas of high carbon dioxide are likely.

Typical Properties

Gloss	Low Sheen (9% @ 60° @9% @ 85°)
Application tools	16 – 20 mm nap roller.
Wash up	Water
Dry time	Touch dry 1 hour, recoat 6 hours (with 16-20mm nap roller)
Coverage	Up to 10m ² /L on smooth surface per coat. Up to 6m ² /L on coarse textures per coat.
Colour	White, Deep Tint and Extra Dark Tint
Sizes	15 L

Technical Data

VOC	74 g/ L
Moisture resistance	Water vapour transmission Excellent Water transmission Very Good
Volume solids	37.0%
Film build per coat (@10m ² /L)	Wet 100-125 µm Dry 37-46 µm
Elongation (ASTM D-412)	285% @ 207µm DFT
System Integrity (AS 4548.2)	<0.7MPa – pass
Crack Bridging (AS 4548.5)	5 times film build

Surface Preparation

General surface preparation	<ol style="list-style-type: none"> 1. Areas not being coated should be masked and protected. 2. All surfaces must be clean, sound, free from contaminants including; oil, mould release, dust, dirt, silicone, mud, grease, salt, efflorescence, animal droppings and any loose or flaking material. 3. Pressure wash if required. 4. Apply one coat of Rendertex Renderprime 5. All substrates other than Rendertex Patch Coarse must be primed.
Core Filled PVC Construction Material	<ol style="list-style-type: none"> 1. Scuff the surface with a non-metallic abrasive pad or sandpaper to create a rough surface profile. 2. Clean down the surface with Haymes Unikleen and water to remove all loose materials, dirt, oil and other contamination. 3. Apply one coat of Haymes Rendertex Renderprime.
Cement render, brick and other rendered/textured surfaces	<ol style="list-style-type: none"> 1. New Acrylic Cement Render must be cured for at least 7 days prior to texturing. 2. Site mixed (Sand and Cement) Render must be cured for at least 28 days prior to texturing 3. Complete as per General Surface Preparation. 4. Apply one coat of Haymes Rendertex Renderprime.
Precast concrete / Tilt slab panels	<ol style="list-style-type: none"> 1. New concrete must be cured for at least 28 days prior to coating. 2. Prior to coating ensure any bond breaker/mould release agents are removed. If present wash using Rendertex Tilt Panel Prep following Product Data Sheet recommendation. 3. Test the surface for water beading. If water beading occurs repeat Step 2 until there is no water beading. 4. Complete as per general surface preparation. 5. Apply one coat of Haymes Rendertex Renderprime or Rendertex Masonry Sealer.
Fibre Cement Sheeting with Joints	<ol style="list-style-type: none"> 1. Mix Haymes Render Rendertex Patch Coarse with 5% clean GP Cement. 2. Product MUST BE mixed with power stirrer. 3. Apply one coat of Haymes Rendertex Render Patch Coarse to all recessed joints, embed a single strip of alkali resistant fibreglass tape and trowel into the freshly applied material. 4. Allow to dry. 5. Apply one coat of Rendertex Patch Coarse over the entire surface with NO CEMENT with an approximate thickness of 1.5mm. 6. Allow the surface to stand for a short time prior to finishing. 7. Rub up or 'finish' with a suitable float either in a vertical or circular fashion, terminating only when a whole area or section is completely coated.
Fibre Cement Sheeting with Express Joints	<ol style="list-style-type: none"> 1. Complete as per General Surface Preparation. 2. Apply one coat of Renderprime or Masonry Sealer.
AAC (Autoclaved Aerated Concrete)	<ol style="list-style-type: none"> 1. Level off any proud blocks and patch and fill any holes. 2. Remove any loose particles with a broom. 3. Apply one coat of Rendertex Renderbase Fibre Reinforced (FR) render, following the Product Data Sheet recommendation. Apply a second coat if required. 4. Rendertex Renderbase Fibre Reinforced (FR) render requires a moderate amount of 'suction' by the AAC substrate to give good adhesion. 5. High 'suction', where the AAC is completely dry, can rob too much water from the render and give a powdery, low strength finish. 6. Excessively wet walls must be allowed to dry, while tempering of dry AAC with small amounts of water is advisable in warm weather. 7. Apply one coat of Haymes Rendertex Renderprime.
Pre-Coated Expanded Polystyrene	<ol style="list-style-type: none"> 1. Apply one coat of Rendertex Renderbase High Polymer Strength (HPS), following the Product Data Sheet recommendation. Apply a second coat if required. 2. Rendertex Renderbase High Polymer Strength (HPS) requires a moderate amount of 'suction' by the substrate to give good adhesion 3. Test the substrate by applying water – the surface should immediately absorb the water and remain damp. 4. Apply one coat of Haymes Rendertex Renderprime.

Plasterboard	<ol style="list-style-type: none"> 1. Prepare any damaged areas as for general surface preparation. 2. Sand patched areas and dust down. 3. Apply one coat of Haymes Ultraseal.
Set plaster	<ol style="list-style-type: none"> 1. Prepare any damaged areas as per general surface preparation. 2. Sand patched areas and dust down. 3. Apply one coat of Haymes Ultralock.

Precautions

- Surface preparation is the responsibility of the Applicator, Builder, Contractor or Renovator. To achieve expected performance the complete Rendertex coating specification must be used.
- DO NOT apply if ambient temperature is less than 10 °C or above 30 °C or if conditions will drop below 10 °C during the drying period.
- Surface to be textured must have a residual moisture content <10%. Moisture meters should be used.
- Avoid application in full sun, on hot surfaces or in hot windy conditions.
- Do not apply if Relative Humidity is above 85% or temperature is within 3°C of Dew Point.
- Do not apply Rendertex ArmourGuard if rain is anticipated within 5 hours of completion of the days work. Allow longer in damp, cold and/or humid conditions.
- Coated area must be protected from damage until the completion of the project; finished work must be protected from rain, frost, dew and severe weather conditions until fully dried or for at least 48 hours.
- At times quoted assume ambient conditions of 25 °C and 50% relative humidity. At cooler temperatures or higher humidity, dry times will be extended.
- Please **check the colour for accuracy prior to application**. Haymes paint accepts no responsibility for the application of incorrect colours.

Application

- Stir thoroughly before and during application.
- Mask adjacent areas and place a drop cloth below areas to be painted.
- Apply two coats by roller or airless spray, ensuring that the application rate is controlled to achieve the desired film build.
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Thinning

DO NOT THIN, as it will result in reduced film build and compromise crack filling and flexibility.

Light Reflective Values (LRV's)

All colours and surfaces have a Light Reflectance Value (LRV). The LRV is a measure of visible light that a surface reflects versus what it absorbs. Textured, matt and dark surfaces have a low LRV whereas lighter, gloss or smooth surfaces have a higher LRV as they reflect more visible light. The LRV of a colour will indicate the amount of heat and light it will reflect. A dark colour for example with an LRV of 5 will absorb most of the visible light it is exposed to, building up more heat and resulting in greater stress on the coatings and substrate. This heat build-up and resulting stress can result in cracking, warping or other damage to the integrity of the construction material. Colour selection and construction design must always take into consideration the LRV of the colours to be used, the construction material and the surrounding environment. Outside of customised project specification agreed with Haymes in writing, Haymes will not warrant product or substrate failure where the light reflective value (LRV) of an exterior protective coatings is below 40%. You must read the appropriate 'Installation and Finishes Guide' for the exterior building material that is to be used on the building and follow the minimum LRV specification for the coating system. For advice on the LRV of colours from Haymes Paint, contact your Haymes Business Manager or Haymes Service Express on 1800 033 431.

Care and Maintenance

All surface coatings need regular maintenance to extend their longevity. Please refer to the '*Rendertex Annual Coatings and Maintenance Guide*' for more detail as to the cleaning, inspection and maintenance program recommended for Rendertex systems.

Safety and First Aid

Keep out of reach of children. Avoid contact with skin and eyes and inhalation of vapour. Wear suitable, protective clothing, eye protection and impervious gloves when mixing and using.

If swallowed, drink plenty of water and seek medical advice. Contact a doctor or Poisons Information Centre (Phone 13 11 26). If skin contact occurs, remove contaminated clothing and wash skin thoroughly with soap and water. If irritation develops or persists seek medical advice. In case of eye contact, hold eyes open and flush with running water for at least 15 minutes and seek medical advice. If affected by inhalation, remove to fresh air. If breathing difficulty persists or occurs later, consult a doctor.

For further safety information please refer to the product Safety Data Sheet available at www.haymespaint.com.au/products/product-information

Storage

Protect from extremes of temperature. Store between 5 °C and 30 °C.

Protect Our Environment

DO NOT pour any leftover product down the drain. Retain in a marked sealed container for future use or disposal via special chemical waste collection programs.

Manufacturer's Comment

This product has been designed as part of a totally integrated application system. Use with any other manufacturer's product(s) or failing to follow application instructions, could result in detrimental effects on product performance, for which Henry Haymes Pty. Ltd. cannot be held responsible. Further information is available in the form of Safety Data and Product Information Sheets from Haymes Paint (1800 033 431). We continually update materials and methods; please ensure you have the latest information.

Rendertex Warranty*

Our goods come with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund for a major failure and for compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure. Henry Haymes Pty Ltd (**Haymes**) provides the following voluntary warranty against defects (**Warranty**) in relation to our Rendertex™ coating systems (**Product**). The benefits of this Warranty are in addition to any rights and remedies imposed by Australian State and Federal legislation that cannot be excluded. Nothing in this Warranty excludes, restricts or modifies any State or Federal legislation applicable to the supply of goods which cannot be so excluded, restricted or modified.

WARRANTY:

Haymes warrants that, subject to the conditions, exclusions and limitations below, the Product will not peel or flake on account of any defect in manufacture (**Defect**) for a period of up to 10 years (**Warranty Period**) based on approved systems. This Warranty Period commences on the date of sale of the Product. The availability of this Warranty is subject to the exclusions below, and is dependent on the Product being applied correctly by a skilled and experienced applicator in accordance with all current application criteria available from Haymes, including (Information): (a) the "Installation and Finishes Guide" relevant to the building substrate and material on which the Product is used; (b) the relevant light reflective values of the colour specified/selected, (c) the relevant Product Data Sheet(s) and system; and (d) information on substrate type, preparation, application rates and methods, prevailing weather conditions and protection of finished works. If Defects appears in the Product before the end of the Warranty Period and Haymes finds the Product to be defective, Haymes will provide, free of charge, sufficient Product to rectify the area affected by the Defects. Haymes reserves the right to provide product of similar quality, grade and composition where an identical Product is not available, and to change or discontinue its Product range at any time without notice and without liability.

EXCLUSIONS:

This Warranty does not apply in the following circumstances: (a) where, outside of a customised project specification agreed with Haymes in writing, the light reflective value (LRV) of the tinted texture protective coat is below 40%; (b) where Haymes cannot establish a Defect with the Product; (c) where there is damage to the surface prior to the application of the Product; (d) where the Product is not applied in accordance with current application criteria, preparation instructions or the Information; (e) where surface preparation is not completed in line with current application criteria, preparation instructions or the Information; (f) where the Product has been adulterated in any way; or (g) where there has been a breakdown of previous coatings on the surface to which the Product has been applied. Haymes provides no Warranty, expressed or implied, against damage due to movement of the substrate or structure or other building defects, and Haymes accepts no responsibility for any variance in Product colour, strength, appearance or workability resulting from on-site mixing procedures or conditions.

HOW TO CLAIM:

To claim, call Haymes on 1800 033 431 **within 14 days** of the claimant becoming aware of any alleged Defect and **within 30 days** of the initiation of the alleged Defect, and providing details of the claim and the claimant's contact details. Where requested by Haymes, the claimant must provide photographs of the alleged Defects for assessment. Haymes reserves its rights to inspect the affected property at its own cost. The cost of delivery of Product or substitute to rectify any Defect will be the responsibility of Haymes on determination of a valid Warranty claim by Haymes.

LIMITATIONS:

Haymes makes no express warranties or representations other than as set out in this Warranty. The provision of sufficient Product to rectify the area affected by the Defects is the absolute limit of Haymes' liability under this Warranty.

CONTACT:

Henry Haymes Pty Ltd, Waringa Drive, Wendouree Industrial Park, Ballarat Victoria 3355. Phone: 1800 033 431. Email: info@haymespaint.com.au For more information about the Product, the Information, or to discuss the availability of a project-specific warranty, please contact Haymes on 1800 033 431.

Disclaimer

The information provided is correct at the time of preparation; however it is the responsibility of those using this information to check that it is current prior to specifying, recommending or using product contained in this information. Because use conditions and applicable laws may differ from one location to another and may change with time, those using this information are responsible for determining whether products and the information in this document are appropriate for their use and for ensuring that workplace and disposal practices are in compliance with applicable laws and other government enactments. Haymes Paint assumes no obligation or liability for the information in this document. No express warranties are given except for any applicable written warranties specifically provided by Haymes Paint. All implied warranties including those of merchantability and fitness for a particular purpose are expressly excluded.

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