

## AUEM00139 EMER Emer-Proof Silane Sealer Clear / Aged Existing or on New Sandstone/Limestone [Exterior]

**Scope of Works**

Emer-Proof Silane Sealer is clear, penetrating, water repellent silane-siloxane sealer that can be used on masonry substrates to provide a clear natural finish while allowing the substrate to breathe. It can be used on all types of new and existing structures including those in coastal environments.

**Substrate and Substrate Preparation**

**Substrate Notes**  
Sandstone is a sedimentary rock composed mostly of sand sized grains cemented by clay, silica, carbonate or iron oxide. In most places the majority of the constituent grains are quartz. Sandstone often contains other mineral grains such as feldspar or mica. When cemented by silica, sandstone has great strength making it suitable for structural uses.

Limestone is also a carbonate sedimentary rock. It is composed mostly of the minerals calcite and aragonite, which are different crystal forms of calcium carbonate.

Both sandstone and limestone are quite soft and easily damaged. Both substrates are porous and can absorb and hold water.

**Substrate Preparation Notes**  
ASSESS SUITABILITY Concrete, mortar and cement based products need to be fully cured for at least 28 days before painting.

REMOVE POWDER LAYERS & EFFLORESCENCE Remove any powdery layers, laitance or efflorescence by detergent cleaning, wire brushing, water blasting or a suitable chemical treatment.

CLEAN Clean the surface thoroughly by water blasting or detergent cleaning, where a commercial cleaner is added to hot or cold water and surface is washed / scrubbed thoroughly with a stiff bristle broom and then rinsed clean with fresh water. This may need to be repeated on extremely dirty surfaces to ensure removal of efflorescence or other poorly bonded surface material. Ensure that the surface is dry, clean and free from dust.

REPAIR SURFACE IMPERFECTIONS Fill any cracks or surface imperfections with a suitable filler or patching compound. Any gaps resulting from structural movement should be filled with a flexible gap sealant.



RENDERING of NEW BRICK/ BLOCKWORK & MASONRY prior to applying texture Trowel apply a basecoat of Dulux AcraTex Renderwall 3002 over entire substrate at approximately 6mm to 8mm in thickness until flush. A Screed or darby may be used to level the renderwall prior to floating with a plastic or wooden float.

**System Summary**

• 1st Coat	Emer Silane Sealer Clear
• 2nd Coat	Emer Silane Sealer Clear



**System**

**1st Coat — Emer Silane Sealer Clear**

Step Type <b>1st Coat</b>	Datasheet <b>AUEM00021 Emer Silane Sealer Clear</b>
Read the full Datasheet details at <a href="https://duspecplus.com.au/pdf/datasheet/emersilane-sealer-clear/d392456c-ec66-4329-9db2-d054beba6295">https://duspecplus.com.au/pdf/datasheet/emersilane-sealer-clear/d392456c-ec66-4329-9db2-d054beba6295</a>	
<p><b>Application Methods</b></p> <p> <b>Brush</b>     <b>Roller</b></p> <p><b>Low pressure spray</b></p>	

	Min	Max	Recommended
Theoretical Spread Rate *	<input type="text"/>	<input type="text"/>	<input type="text" value="5"/>
Recoat Time **	<input type="text"/>	<input type="text"/>	<input type="text" value="2 hours"/>
Meets GBCA V.O.C. Requirements? <b>Not Applicable</b>			
Application Details Emer-Proof Silane Sealer can be applied by brush, roller or low pressure spray.			
SDS Link <a href="https://go.lupinsys.com/duluxgroup/harms/public/materials/5bfb8e2fc84075b52cc9e66e78319c9-published/attachments_api/dda33570fcb9cff44f858fca7936d05e/search_api/EMER-PROOF_SILANE_SEALER-AUS_GHS.pdf">https://go.lupinsys.com/duluxgroup/harms/public/materials/5bfb8e2fc84075b52cc9e66e78319c9-published/attachments_api/dda33570fcb9cff44f858fca7936d05e/search_api/EMER-PROOF_SILANE_SEALER-AUS_GHS.pdf</a>			

**2nd Coat — Emer Silane Sealer Clear**

Step Type <b>2nd Coat</b>	Datasheet <b>AUEM00021 Emer Silane Sealer Clear</b>		
Read the full Datasheet details at <a href="https://duspecplus.com.au/pdf/datasheet/emersilane-sealer-clear/d392456c-ec66-4329-9db2-d054beba6295">https://duspecplus.com.au/pdf/datasheet/emersilane-sealer-clear/d392456c-ec66-4329-9db2-d054beba6295</a>			
Application Methods  <b>Brush</b>  <b>Roller</b> <b>Low pressure spray</b>			
	Min	Max	Recommended
Theoretical Spread Rate *	<input type="text"/>	<input type="text"/>	<input type="text" value="5"/>
Recoat Time **	<input type="text"/>	<input type="text"/>	<input type="text" value="2 hours"/>
Meets GBCA V.O.C. Requirements? <b>Not Applicable</b>			
Application Details Emer-Proof Silane Sealer can be applied by brush, roller or low pressure spray.			
SDS Link <a href="https://go.lupinsys.com/duluxgroup/harms/public/materials/5bfb8e2fc84075b52cc9e66e78319c9-published/attachments_api/dda33570fcb9cff44f858fca7936d05e/search_api/EMER-PROOF_SILANE_SEALER-AUS_GHS.pdf">https://go.lupinsys.com/duluxgroup/harms/public/materials/5bfb8e2fc84075b52cc9e66e78319c9-published/attachments_api/dda33570fcb9cff44f858fca7936d05e/search_api/EMER-PROOF_SILANE_SEALER-AUS_GHS.pdf</a>			

**System Notes**

\*\*\*It is recommended to perform a site sample or small test area prior to application of Emer-Proof Silane Sealer to determine the suitability of the system.

\* Practical Spreading Rate will vary from the quoted Theoretical Spreading Rate due to factors such as method and condition of application and surface roughness.

\*\* Recoat times are quotes for 20°C and 50% relative humidity, these may vary under different conditions.

\*Emer-Proof Silane Sealer should not be contaminated with water.

The application of Emer-Proof Silane Sealer should not commence if the temperature of the substrate is below 2°C.

\*Emer-Proof Silane Sealer may darken some polymer modified substrates and white cement. A trial area is recommended.

\*Emer-Proof Silane Sealer may leave a residue on some tiles if applied excessively. Test absorption of tiles before applying to entire area.

\*Emer-Proof Silane Sealer is not suitable for glazed bricks.

\*Emer-Proof Silane Sealer may leave a residue on non porous surfaces it is advised to cover the surrounding areas prior to application.

Coverage figures are theoretical - due to wastage factors and the wide variety and nature of possible substrates, practical coverage figures will be reduced.

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**WHERE LEAD MAY BE PRESENT:** The asset manager is responsible for verifying the presence of lead and determining whether to remove or encapsulate the lead. If lead is present, the work must be done in strict accordance with AS 4361 Parts 1 and 2 and Worksafe Australia guidelines.