

TECHNICAL DATA SHEET

Glixtone Masonry Paint

High Performance Masonry Paint (AC1)

Description	A water based acrylic, high performance, exterior masonry coating with outstanding anti-carbonation properties.			
Finish	Slight Sheen.			
Features	<ul style="list-style-type: none"> • A weather-resistant, protective and decorative finish for concrete, cement render, most masonry surfaces and suitably primed metals. • Moisture vapour permeable, while being waterproof and blister proof. • Exceptional flexibility to resist cracking. • Outstanding resistance to CO₂ and other acidic gases, alkalis, oil and grease. • High UV and weathering resistance for long-lasting cosmetic appearance – bright white is non-yellowing and dirt repellent, and enhances lux values. • Excellent R-value (heat insulation) at low film build. • Contains a fungicide/algicide to maintain good appearance. 			
Complies With	- 2004/42/EC (2012) sub-category A(c) - VOC level below 40 g/l. - see Test Data below.			
Product Code	AC1.			
Volume Solids	Please consult Glixtone.			
VOC's	below 40 g/l.			
Colour Range	White and pastel shades on range.			
Film Thickness & Coverage	Typical:	<u>Dry</u> 70 µm	<u>Wet</u> 167 µm	<u>Theo. Coverage</u> 6 - 8 m ² /l
	Actual coverage varies considerably with factors including surface porosity, roughness, application methods and conditions.			
Drying & Overcoating Times at Typical DFT		<u>20°C</u>		
	Surface Dry:	1 h		
	Hard Dry:	2 - 4 h		
	Overcoat Min:	2 - 4 h		
	Overcoat Max:	Indefinite		
	Drying and overcoating times can be greatly affected by method and conditions of application such as thickness applied, temperature, ventilation etc. Data above are given as a guide for well ventilated areas.			

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Surface Preparation	<ul style="list-style-type: none">• Completely remove all traces of loose, flaking, soft and friable paint back to a clean, dry firm surface.• Make good any defective surfaces and leaking rainwater downpipes and guttering etc.• If there is mould or other organic growth, remove by scraping or brushing with a stiff fibre brush (not a wire brush). Sterilise the affected areas by applying a liberal application of Glixtone Sterilising Solution and allow to dry for 24 hours (consult Technical Data Sheet for Glixtone Sterilising Solution before use).• If the surface is chalky or friable, apply a coat of Glixtone SF1 Sealer – consult the Technical Data Sheet for SF1 before use.
Mixing	Thoroughly stir the coating before use.
Mix Ratio	Not applicable – single pack product.
Application Conditions	Throughout the application and the drying/curing time of coatings: (a) good ventilation is required; (b) do not apply when damp weather conditions are likely; (c) the substrate temperature should be at least 3°C above the Dew Point; and (d) the RH (Relative Humidity) should be below 85%. Do not apply the product when the ambient temperature falls below 5°C. The paint temperature at the time of application should ideally be 15° - 20°C.
Application Details	<ul style="list-style-type: none">• If the surface is porous, apply a ‘mist’ coat of AC1, diluted no more than 10% by water.• Apply two coats of Glixtone Masonry Paint by brush, roller or spray.• Ensure first coat is fully dry before applying a second coat.
Thinner/Cleaner	Clean water (for cleaning – do not thin other than for ‘mist’ coat).
SG	1.31 ± 0.1 kg/l.
Flash Point	Not applicable.
Shelf Life	1 year from date of manufacture when correctly stored in unopened containers.
Storage	The product should be stored in cool, dry, frost-free conditions, in sealed containers. Most paint materials will apply optimally when at 15° - 20°C.
Health & Safety	Refer to the product’s Safety Data Sheet (SDS) and safety advice on the product label before use.
Date of Issue	Sep 2022.

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Information provided in this leaflet is given in good faith but without warranty or assumed liability, as the conditions of application and use are beyond our control. Data are accurate to the best of our knowledge at the time of issue but may be revised in the light of new knowledge and the user should check that data are current before use. The user must satisfy themselves about the product’s suitability for their own purpose and refer to the Safety Data Sheet for this product before use. For industrial use only unless specifically stated otherwise.

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High Performance Masonry Paint (AC1)**TESTING DATA****CO₂ Permeability**

(μ) value = 2.410.000

Air diffusion equivalent: R = 301 metres (at 125 micron dry film thickness).

- Test Certificate No. 2775 (from Taywood Engineering).

Moisture Vapour Permeability

83.45 g/m²/24 hrs. So (m) = 0.533 (at 146 micron dry film thickness).

- Test Certificate No. 2759 (from Taywood Engineering).

Accelerated Weathering

16,000 hrs. (equivalent to 32-33 years external weathering).

- Test certificate No. 4759 (from Taywood Engineering).

Salt Mist to ISO 7253

3,800 hrs.

- Test certificate No. 6434 (from CENTRUM).

Adhesion to ISO 4624

- Test certificate No. 6434 (from CENTRUM).

Washing / Scrub Resistance

USUBEL 5,000 reciprocal cycles

- Test certificate No. 6434 (from CENTRUM).

Fire

Designated Class '0' as defined in the Building Regulations E15(l) (e).

BS476: Part 7 – Class 1 (LPC Report TE 80640).

BS 476: Part 6 - Index of Performance (I) = 5, Sub-index (I1) = 0.3 (LPC Report TE 80636).

Research Laboratories

- Taywood Engineering Ltd. Taylor Woodrow Construction
- CENTRUM voor het EVALUEREN en TESTEN Van het MATERIEEL CEM – kwartier COST