

DampPaint

EXTERIOR

SOLVENT BASED

1K

Description:

A one component matt solvent-based polymer façade paint available in special colours for concrete and fibre cement. DampPaint is a solution for critical substrates and demanding exterior application conditions.

Intended Uses:

DampPaint is formulated for use as a highly weatherproof coating, particularly suitable on concrete, plaster, brick, and fibre cement substrates in dry and coastal climates. It is high resistant to aggressive air pollutants and early onset of moisture, rain proof in 20 minutes allowing all year-round coating application.

The coating is resistant to deterioration due to algae and fungal attack. DampPaint can be applied directly to masonry and is highly resistant to alkali attack and can be applied at temperatures down to 0°C.

DampPaint is highly breathable, it does not trap moisture keeping the substrate healthy.

Available In many colours, it has outstanding obliteration properties, good dirt pick-up resistance. It is fast drying allowing quick return to service.

Features & Benefits:

- Over 15-year life expectancy.
- Showerproof in 20 minutes allowing year-round application.
- Excellent adhesion to previously painted or untreated porous surfaces.
- Excellent opacity/hiding power.
- Colour stable.
- Water vapour permeable.
- Easy to use, one component product that can be brush, roller or spray applied offering excellent coverage in two coats.
- Attractive matt finish.
- Thixotropic consistency to allow high layer thickness.
- Good "melt in" intercoat adhesion when overcoated with itself.

Technical Data:

Colour	White or colours
Finish	Matt (5 – 8% @ 60°)
Density	1.67 Kg/ Litre
Volume Solids	53%
Mass Solids	77%
PVC	74%
Typical Film Thickness	80 – 105µm DFT (150 – 200µm WFT). Typically applied in one coat by spray. Can also be applied in two coats by roller to achieve a uniform finish
Theoretical Coverage	6.6 m²/ Litre @ 80µm DFT, allow for loss factors
Method of Application	Brush, roller, or airless spray
Number of Coats	Typically, 2. Depends on application technique and colour underneath
Viscosity	+/- 120 – 130 KU

Drying Information:

	0°C	5°C	10°C	20°C	30°C	40°C
Dust Dry	-	-	-	30 min	-	-
Hard Dry	-	-	-	24 hrs	-	-
Overcoating Data – See Limitations						
Substrate Temp.	0°C	5°C	10°C	20°C	30°C	40°C
Minimum	-	-	-	16 hrs	-	-
Maximum	Extended*					

* See Specialized Coating Systems Definitions and Abbreviations.

* A curing temperature below 10°C is not recommended, adequate ventilation should be maintained during application and curing. The figures quoted above have been determined at the quoted temperature and 50% RH. If overcoat limit is reached the coating must be lightly abraded prior to re-coating.

Environment:

	Surface Temperature	Ambient Temperature	Relative Humidity
Minimum	0°C*	0°C	No lower limit
Maximum	35°C	35°C	95%

* Or 3°C above dew point

Surface Preparation:

Remove any fungal growth or algae with Fungicidal Wash. Leave on the surface for approximately 1 hour and then scrub with a hard bristle brush to remove all dead growth. Rinse thoroughly and repeat if necessary. Allow to dry.

The substrate must be solid, dry, clean, load bearing and free from efflorescence, sinter layers, separating agents, corrosion promoting compounds and anything which may adversely affect the adhesion of further layers of paint.

Any concrete laitance must be removed by pressure washing or mechanically by vapour blasting or grinding.

In the case of exposure to water, quick drainage of water must be ensured to avoid excessive water uptake. Horizontal surface should also be protected from water ingress and be adequately waterproofed.

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 Hydrosolve Degreaser solution to remove all contaminants and chalked material. Rinse with clean water to remove all traces of detergent. Alternatively, clean with high pressure water jet. Sand glossy enamel surfaces to a matt finish to aid adhesion.

Systems Table:

Follow system table below for appropriate priming and coating build up

Substrate	Primer	Intermediate	Topcoat
Normal & highly absorbent substrates such as plaster & cement mortar	DampPaint thinned 10% with mineral turps	N/A	DampPaint
Previously painted intact paints such as emulsions & resin plasters	DampPaint thinned up to 10% with mineral turps	N/A	
Moderately damp masonry substrates	DampPrime Damp Masonry Primer	DampPaint	
Substrates subject to rising damp	DampProof Waterproofing Masonry Primer	DampPaint	

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Application:

Mixing	Material is supplied in plastic containers. This is a one component product and does not require a hardener. Agitate/stir the product well before use to ensure a homogeneous mix and no settlement of pigments	
Method	Apply with a paint brush, roller, or airless spray equipment	
Thinner	Turps	0 - 5%
Airless Spray	Recommended	Tip range 21 – 26 Thou. Pressure at the tip should not be less than 150 bar
Brush/Roller	Suitable	Typically, 50 – 100µm can be achieved
Work Stoppage	Thoroughly flush all equipment with Turps . All unused material should be stored in tightly closed containers.	
Clean Up	Clean all equipment immediately after use with Turps . It is good working practice to periodically flush out the spray equipment during the course of the working day. Frequency of cleaning will depend upon the amount sprayed, temperature and elapsed time, including delays.	
Extra Notes	Good airflow around the object is essential once coated. If the relative humidity limit of 70% is exceeded, drying, and overcoating times will be severely extended. Application below the minimum film forming temperature of the coating and/or poor ventilation will result in poor film coalescence and a powdery cracked film which will require removal prior to re-application.	

Limitations:

- Overcoating information is given for guidance only and is subject to local climate and environmental conditions. Consult a Specialized Coating Systems representative for specific recommendations.
- Do not paint under conditions of frost, dew, rain, or inclement weather. Painting under these conditions will affect the performance of the paint film.
- 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 Specialized Coating Systems 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.

Pack Size:

5 & 20 Litre.

Storage:

- Shelf Life: 12 months at 25°C from date of manufacture. Subject to inspection thereafter.
- Store in dry conditions out of direct sunlight, away from sources of heat or ignition.
- Store at temperatures between 5°C and 35°C.

Precautions:

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

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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