



Technical Data Sheet

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Product name

DSW 1 – PLASCON WATERBASED DAMPSEAL



PRODUCT DESCRIPTION

PLASCON WATERBASED DAMPSEAL (DSW 1) is a waterbased coating used to treat the effects of rising and penetrating damp.

INTENDED USES

- **PLASCON WATERBASED DAMPSEAL (DSW 1)** is used for interior and exterior vertical cement plaster and concrete walls.

FEATURES AND BENEFITS

- Waterbased.
- Blue colour
- Protects against rising damp.
- High moisture tolerance (60% WME measured with a Protimeter Moisture Meter).
- Excellent adhesion on damp and dry surfaces.
- Prevents mould, mildew, efflorescence and paint peeling caused by rising damp.
- Quick drying.

PRODUCT INFORMATION

Colours	Blue (DSW 1)
Generic type	Acrylic emulsion
Recommended DFT	0.6mm per coat (1.2 mm for 2 coats)
Typical spreading rate	0.5 l / 1m ² per coat (2 coat application)



Viscosity at 23 °C	90 - 100 KU (approx.)
S G	1.31 kg/ℓ
Flash Point	Non-flammable
VOC	13.6 g/ℓ

APPLICATION DETAILS

Mixing	Stir thoroughly with a flat paddle until homogeneous.		
Substrate	Suitable for cement plaster, concrete, fibre cement, common brickwork and previously painted surfaces that have been properly cleaned.		
Method	Brush or roller application.		
Thinning	Thin the first coat with 10% water by volume.		
Cleaning	After use, remove excess product from tools and wash with warm tap water.		
Application environment	Surface Temperature	Min*: 10°C	Max: 40°C
	Ambient Temperature	Min*: 10°C	Max: 40°C
	Relative Humidity	Min*: 10%	Max: 85%
	*or 2°C min. above dew point		
Drying Time	Touch dry	2hr at 23°C	
	Recoating second coat	4 – 6hr at 23°C	
	Full Cure	7 days at 23°C	

STORAGE AND PACKAGING

Store away from direct sun, heat and severe cold.

Packaging: 1ℓ and 5ℓ

SURFACE PREPARATION

Before applying **PLASCON WATERBASED DAMPSEAL (DSW 1)** on the surface, ensure the surface moisture content is below 60%. Surfaces may be DAMP, but they must NOT BE WET during application. A simple way to test this is to rub your hand against the surface; if feels cold but dry, it is safe to proceed with application. If there are existing damp problems on the surface, identify and treat the source before applying **PLASCON WATERBASED DAMPSEAL (DSW 1)**.





New Surfaces

Apply directly to the surface. Ensure that the surfaces are thoroughly clean, sound and free of contaminants such as dirty, oil and grease.

Previously Painted Surfaces

Ensure that surfaces are sound and free from dust, dirt, grease and oil before painting. Remove any fungi and algae with household bleach (3,5% sodium hypochlorite solution) and rinse thoroughly with water. Thoroughly remove any powdery, loose or flaking paint with a wire brush, sandpaper or pressure cleaner.

APPLICATION INFORMATION

- No primer or undercoat is needed on a fresh substrate.
- Apply by brush or roller.
- Apply a thinned first coat of **PLASCON WATERBASED DAMPSEAL (DSW 1)** onto the prepared surface using a brush or roller to an even wet film thickness of approximately 1.2 mm or at a spreading rate of 0.5 ℓ / m^2 .
- Apply in small 1 m^2 sections and ensure that all corners, and edges have been covered.
- Allow 4 – 6 hours drying. Apply the second coat as is at a uniform wet film thickness of approximately 1.2 mm.
- The two-coat application system should achieve a minimum dry film thickness (DFT) of 100 μm .
- Allow to dry for 6 hours. When coated on exterior surfaces, protect from rain until dry. After this time, can be overcoated with Plascon decorative interior/exterior product of choice.

CAUTIONS

- Apply on damp, but **NOT WET** surfaces – moisture content must be less than 60%.
- Do not mix with other solvents other than water.
- Do not exceed the recommended dilution of 10% water by volume.
- Do not attempt application when rain is imminent.
- Protect from rain until dry.
- Not suitable for use on slate, gypsum plaster, clay and slurry tiles, wood shingles, bitumen, powdery surfaces or surfaces that are not in a good condition.
- Not suitable to seal concrete dams or ponds or where exposed to continuous immersion in water.



SAFETY PRECAUTIONS

- Always keep paint out of reach of children.
- Ensure good ventilation during application and drying.
- Do not pour paint down the drain.
- In case of skin contact, wash with soap and water or a recognised skin cleaner.
- Avoid contact with eyes – In case of contact, rinse eyes immediately with plenty of water and seek medical advice if symptoms persist.
- Harmful if swallowed. Do not induce vomiting. Seek medical attention.
- Refer to Safety Data Sheet for complete information

DISCLAIMER

The recommendations contained herein are given in good faith and are meant to guide the specifier or the user. They are based on results gained from our tests and experiences and are believed to be reliable. No guarantee is implied by the recommendations contained herein since conditions of use, method of application and cleanliness of the substrate prior to painting are beyond our control.

NB: Technology may change with time necessitating changes to this Technical Data Sheet (TDS). It is the responsibility of the user to ensure that the latest TDS is being used.

NB: TO ORDER: Quote product name, product code number, packaging and colour.

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