



# DAMPSOLVE

## PRODUCT DESCRIPTION

A synthetic elastomer based product, makes Dampsolve the ultimate waterproofing system.

## PRODUCT FEATURES

- Resistance to water & water vapours.
- Non-membrane waterproofing system.
- Tough & flexible, greater than 350% elongation.
- Paint like application
- Alkali resistant
- Excellent adhesion to most substrates including Bitumen.
- High tensile strength.
- Retain flexibility even at low temperatures.
- Quick drying with no residual odour.

## TECHNICAL INFORMATION

Colour:	Black, White, Charcoal, Green, Grey, Red oxide & Yellow ochre
Appearance:	Semi-sheen elastic coating
Generic type:	Synthetic rubber
Pigment type:	Oxides
S.G.:	1.15
Viscosity:	Gel
Spreading rate:	1.5m <sup>2</sup> /litre
Solvent:	Water
Mix ratio:	Single pack ready for use. Do not dilute
Packaging:	1 litre, 5 litre, 20 litre plastic containers

## SURFACE PREPARATION

Ensure that the surface is clean, sound, grease & oil free before application. On concrete surfaces, chemical cleaning & etching, using Acid Etch, followed with a fresh water rinse, produces good results. Allow the surface to dry prior to the application of Dampsolve.

## APPLICATION

Dampsolve is suitable for all concrete, cement fibre board, asbestos sheeting, brick & cement plastered surfaces. Typical applications are:

<b>Floor screeds:</b>	Below or above screed to provide damp Proof membrane.
<b>Walls:</b>	When applied, it forms a water barrier.
<b>Roofs:</b>	Use to waterproof the entire roof or isolated areas.
<b>Tiling:</b>	As secondary protection under tiles in wet areas, e.g. bathrooms, balconies, etc.
<b>Silage Storage:</b>	Dampsolve prevents silage attack.

**Boundary & Parapet walls:** Waterproof both walls & parapets  
For ultimate U.V. protection, always apply 2 coats of Roof & All allowing 8 hours at 25°C between coats.

**Concrete/Plaster:** All loose & unbound products are to be removed, prior to the application of Dampsolve. The substrate must be firm & free of oil, grease & contaminants. Prime the surface with either Bonding Liquid or Hydroseal. Allow 4 hours at 25°C, before over coating with Dampsolve. When using Dampsolve without membrane a minimum Dry film thickness of 0.6mm is required to give a waterproofing barrier. Do not attempt to achieve 0.6mm with 1 coat. It is recommended that at least 2 coats be applied To achieve 0.6mm. When using Dampsolve with Membrane to bridge larger cracks, apply a thick coat by brush & while wet embed the membrane into the Dampsolve & allow to dry for 30 minutes at 25°C. Apply 2 top coats allowing 6 hours at 25°C between coats.

**Steel:** The substrate is to be free of oil, grease & water soluble salts. Blast cleaning to ISO Standard SA2 is recommended with a blast profile of 50 – 75 microns. Apply Primer 2000 or Corpro OG4 as a primer coat.

<b>Galvanised steel - New -</b>	Remove all grease, oil, & contaminants with Superclean. Allow to dry & apply 1 coat Etch Primer before application of Dampsolve.
<b>Old – not rusted:</b>	Remove grease, oil & contaminants with Superclean. Rinse off with fresh water & allow to dry, before applying Dampsolve directly to prepared surface.
<b>Old – rusted:</b>	With wire brush & abrasive paper, remove all rusted areas & wash entire area with Superclean. Rinse with fresh water, dry surface before flash rust appears & apply Etch Primer. Allow to dry for 6 hours at 25°C before application of Dampsolve.

<b>Airless spray:</b>	Not suitable
<b>Conventional spray:</b>	Not suitable
<b>Brush and Roller:</b>	Suitable
<b>Clean up:</b>	Do not allow to dry on or in equipment, wash immediately with water

## ENVIRONMENT

It is recommended that application be confined to the following:

Surface temperature:	Min. 5°C	Max. 40°C
Ambient temperature:	Min. 5°C	Max. 40°C
Relative humidity:	Min.0%	Max. 75%

Or at least 3°C above Dew point

Do not leave container open when not in use, as skin forms on the surface.

## DRYING TIME

Substrate Temp	Touch Dry	Hard Dry
5°C	6 hours	24 hours
15°C	4 hours	18 hours
20°C	3 hours	12 hours
25°C	2 hours	8 hours
30°C	1 hour	4 hours

Sustained temperatures below 15°C in the shade, can result in coating failure, most especially if water or dew forms on the coating within 8 hours of application.

## OVERCOATING TIMES

5°C	16 hours
15°C:	8 hours
20°C:	4 hours
25°C:	3 hours
30°C:	2 hours

## STORAGE AND HANDLING

Store away from direct sunlight and severe cold. Do not store below 10°C. Shelf life: 18 months in original sealed containers.

## LIMITATIONS

At no time should Dampsolve be applied outdoors in inclement weather or before 9am & after 3 pm in winter.

## SAFETY PRECAUTIONS

No known problems resulting from contact with skin, however remove as soon as possible with soap and water. Avoid ingestion and contact with eyes. If ingested seek Medical attention. Do not induce vomiting. If paint contact is made with eyes, rinse eyes well with water and seek Medical attention. Do not smoke when painting. Ensure good ventilation during painting and drying.

**KEEPOUTOFREACHOFCHILDREN.**

Information Provided is based on Laboratory evaluations and data believed to be reliable.  
Recommendations are given in good faith but without warranty. It is the user's responsibility to determine the suitability for their own use.  
It is not to be considered a guarantee of the products properties.

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