

Weatherflex 500

Elastomeric Cool Paint

BERGER
P A I N T S



Product Attributes



Excellent outdoor durability and colour retention



Outstanding dirt pick-up resistance & anti-carbonation



Excellent crack bridging ability with elongation in excess of 150%



Fungus and algae resistant.



Complying to Singapore Green Building Council (SGBP 4030)



Compliance to Singapore Standard SS500:2015



High solar reflectance reduces heat build-up, which lowers air-conditioning demand & results in energy savings.

Product Description

An acrylic water-based elastomeric coating formulated with heat reflective pigments and reinforced with anti-fungal agents. It has solar reflective property which helps in keeping interior cool and saving energy.

Design Use

Elastomeric solar reflective finish paint for exterior masonry surfaces to reduce energy consumption and help cool the environment.

Theoretical Coverage

7.60 m² / litre per coat @ 60 μ m dft

Finish

Low Sheen

Volume Solids

46 $\pm$ 2 %

Colour Range



Wide range available

WFT (μ)

130 – 170

DFT (μ)

60 – 80

Application Method



Roller, Brush & Spray

Recommended DFT

75

No. of Component

1

Drying Time

Substrate Temperature	Touch Dry	Hard Dry	Over Coating Interval	
			Minimum	Maximum
15 °C	1 hours	3 hours	6 hours	indefinite
25 °C	45 minutes	2 hours	4 hours	indefinite
35 °C	30 minutes	1 hours	2 hours	indefinite

Cleaner

Water

Thinner

N/A

Flash Point

N/A

Suitable Systems



1st Coat

HydroLoc / Waterbased Sealer



2nd Coat

Weatherflex 500



3rd Coat

Weatherflex 500

Weatherflex 500

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Packs



20 LTR



Shelf Life

18 months minimum when stored as prescribed in the MSDS.



Storage Recommendation

Store in a cool, dry area away from direct sunlight.

Special Note

- A minimum of two coats, at the recommended dry film thickness, is recommended for this product. However, depending on the extent and width of the cracks, additional coats may be required.

Surface Preparation

New concrete should be left for at least 21 days to cure before coating.

The moisture content of the concrete surface should be checked and ensured to be below 16% when measured with a reliable moisture meter, such as the PoritiMeter.

The surface to be coated must be clean and free from all loose extraneous materials such as loose paint, dust etc.

Apply a suitable sealer coat such as Berger Plastaseal or Berger Water-Based Sealer prior to application of this product.

If fungus or algae is present, first treat with Berger Fungicidal Wash and leave for 24 hours. Then, thoroughly rinse and wash or scrape away all the fungus.

If grease is present, clean using a mild detergent or solvent and rinse thoroughly to ensure complete removal of the grease, detergent and solvent.

For overcoating over old coatings, remove all loose or flaking coatings and take them back to a firm edge. Ensure the remaining coatings are tightly adherent.

Safety Precaution

This product is virtually harmless under normal use conditions. However, it is advised that the following safety precautions be followed: Avoid contact with eyes and skin. Wear suitable protective clothing. Ensure that there is adequate ventilation in the area where the product is being applied. In case of fire, blanket flames with foam, carbon dioxide or dry chemicals.

First Aid

For further safety information, please refer to our **Material Safety Data Sheet (MSDS)**

Eyes



In the event of accidental splashes, flush eyes with warm water immediately and seek medical advice.

Skin



Wash skin thoroughly with soap and water or approved industrial cleaner. Do Not Use solvents or thinners.

Inhalation



Remove to fresh air, loosen collar and keep patient rested.

Ingestion



In case of accidental ingestion, DO NOT INDUCE VOMITING. Obtain immediate medical attention.

DISCLAIMER

The information provided on this data sheet is not intended to be complete and is provided as general advice only. It is the responsibility of the user to ensure that the product is suitable for the purpose for which he wishes to use it. As we have no control over the treatment of the product, the standard of surface preparation of the substrate, or other factors affecting the use of this product, we are not responsible for its performance nor would we accept any liability whatsoever or howsoever arising from the use of this product unless specifically agreed to in writing by us. The information contained in this data sheet may be modified by us from time to time, and without notice, in the light of our experience and continuous product development.

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Please note that this data sheet supersedes all previous versions.

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