

Permaflex

PRODUCT DESCRIPTION AND USES:

Permaflex is an Elastomeric Coating based on 100% Acrylic Polymer Emulsion. This is a functional and decorative coating for masonry and concrete substrates, (roof and wall coatings) Permaflex demonstrates excellent flexibility and crack bridging and is capable of expanding with the substrate in all weather conditions, yet still provides a pleasant long-life decorative finish. Excellent dirt pickup resistance and superior chalk resistance. Permaflex passes the ASTM D 6083 "Standard Specification for Liquid Applied Acrylic Coatings Used in Roofing."

PHYSICAL PROPERTIES:

Colour: Range of colours
Gloss Level: Semi Gloss/ Satin
Volume Solids: 42.5%
Specific Gravity: 1.43 kg/Litre
Drying Times: Touch Dry 30 Mins @ 25°C Recoat 2-4 hours.

Mechanical Properties

Temp °C	Elongation	Maximum Tensile Strength MPa
-20	158	3.52
-10	333	1.52
0	360	0.63
23	228	0.43
40	189	0.28
60	165	0.24

APPLICATION DATA:

Application should be preferably by Airless Spray: (Recommended tip diameter, up to 0.46mm).

Dry Film Thickness: 125 um
Theoretical Spreading Rate: 3.66 sq.m / litre
Thinning: No thinning required
Equipment Cleaning: Clean with water immediately after use

NOTE: Do not apply Permaflex in temperatures below 10 c.

SURFACE PREPARATION:

Fresh concrete and plastered surfaces must be allowed to cure before painting, typically 28 days for poured concrete, and as recommended by the plaster manufacturer. For sprayed plasters ensure surfaces are clean, sound and free from salts, efflorescence, dirt and loose concrete dust. On poured concrete, mould release agents must be removed by detergent washing, and the surface shows no trace of water repellency before applying. High-pressure water blast to remove mould, dirt, grease, chalk and other surface contaminants.

All surfaces must be clean, dry and sound before this product is applied.

The performance and service life of a protective coating system is dependent upon a number of criteria. These criteria include factors such as choice of coating system, ambient conditions under which the system is to be applied and the standard of surface preparation to be undertaken prior to application of the paint. Of these considerations, the most important factor is in establishing and maintaining a high standard of surface preparation. Failure to ensure high standards of surface preparation will inevitably have a detrimental effect on the eventual life and performance of the coating system applied.

For specific standards and recommendations contact Seahorse Marine Paints.

STORAGE AND PACKING:

Storage: The Product must be stored in accordance with national regulations. Preferred storage conditions are to keep the containers in a dry space provided with adequate ventilation. The containers should be sealed tightly.

Packing content: 4 Litre 20 Litre.

HEALTH AND SAFETY:

Based on its composition Permaflex is not expected to be toxic via single, acute. Oral or dermal exposure. It may be a mild skin, eye or respiratory irritant.

Please observe the precautionary notices displayed on the containers. Spray under well ventilated conditions. Do not breathe or inhale mist. Avoid skin contact. Spillage on skin should be removed with suitable cleaner, soap and water. Eyes should be well flushed with water and medical attention sought immediately.

For detailed information on the health and safety hazards and precautions for use of this product, please refer to the Material Safety Data Sheet.

DISCLAIMER: *The information in this data sheet is given to the best of our knowledge based on laboratory testing and practical experience. However, as the product is often used under conditions beyond our control, we cannot guarantee anything but the quality of the product itself. We reserve the right to change the given data with out notice.*

ISSUED SEPTEMBER 2009.
THIS DATA SHEET SUPERSEDES THOSE PREVIOUSLY ISSUED.



Pyramid Paints - Seahorse Marine Paints - 26/B Coburg Road Alberton South Australia 5014
Phone (08) 83411337 - Fax (08) 3411385