

# PERMACRYL 1017 - EWP

## Rubberized Elastomeric Waterproofing Paint

### Product Description

**PERMACRYL 1017-EWP** is a high performance flexible & rubberized UV resistant water based coating formulated based on 100% Acrylic emulsion for use as waterproofing membrane system. Applied in thick layer, the coating forms a waterproof, flexible film. It possesses outstanding exterior durability. With excellent elasticity & elongation properties necessary to bridge forth coming hairline cracks without cracking or wrinkling.

### Usage

Highly recommended as waterproofing of:

- Roofdeck
- Concrete gutters
- Firewalls
- Toilet & Bath
- G.I. roof
- Roof tiles
- Concrete & Mortar
- Masonry bricks
- Timber & Wood
- Protective coating for PU foams

### Technical / Performance Data

Volume Solids	45 ± 2%
Theoretical Coverage	4.50 m <sup>2</sup> / liter @ 100 microns
DFT / Coat	100 microns
Recommended DFT	200 – 250 microns
Color	Variety of shades
Finish	Matte to Semi-gloss
Thinner / Cleaner	Clean Water (thinning only required if necessary up to 5%)
Elongation @ Break	300 – 500% (ASTM D412 – 92)
Adhesion	100% Retention (ASTM D3359)
Tensile Strength	1.50 - 2.0 N/mm <sup>2</sup> (ASTM D412 – 92)
Hardness	20 – 24 Type A (ASTM D2240)

### Processing Data

Drying Time @ 30°C	4 – 6 hrs. (Dry hard) and 2 – 4 hrs. (To recoat)
Flash Point	Zero

### Procedure & Guidelines

#### SURFACE PREPARATION

##### BARE SURFACE

New concrete substrate contains high degree of moisture which gradually lost as the surface hardens and dries. It is crucial that ample time of 28 -30 days is allowed for this curing process.

For metal substrates, apply anti-corrosive primers prior to application of PERMACRYL.

Ensure that all surfaces are thoroughly dry, clean, free from oil dust and other contaminants.

##### PRE - PAINTED SURFACE

Old paint film must have good adhesion. Non-adhering and loosed paint should be scraped and removed. If algae and fungi growth is prevalent, remove by using a stiff wire brush. Worse condition, use high pressurize water jet and treat with a mixture of household bleach and water. Ensure that most algae and fungi spores are eliminated. Rinse with clean water to remove all remaining contaminants and allow to dry thoroughly prior to painting.

#### RECOMMENDED COATING SYSTEM

##### A. Concrete & Wood surfaces:

1. Apply one full coat of SEALBOND Epoxy Deep Penetrating Sealer or Concrete Acrylic Sealer as base coat.

2. Apply 3-5 coats of PERMACRYL Elastomeric Waterproofing until a dry film thickness of 200-250 microns is attained. Allow coating interval for atleast 2-4 hours. Fiber reinforcement is recommended for roofdeck, concrete gutter, toilets and other areas where there is possible water immersion.

*NOTE: All cracks greater than 2mm must be repaired prior to application of waterproofing systems.*

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### B. G.I. Roof & Metal Substrates:

1. Apply 1 coat of SEALBOND Epoxy primers @ 50-75 microns DFT for corrosion protection.
2. Apply 3 coats of PERMACRYL Elastomeric Waterproofing. Allow coating interval of 2-4 hours.

### APPLICATION EQUIPMENT / CLEANING UP

- Brush, Roller or Spray. Clean all equipment with clean water immediately after use.

### APPLICATION PROCEDURE

- Stir thoroughly to produce a uniform homogeneous consistency.
- Straining to remove and filter solids particles, skin and etc.
- Apply in wet coat making even parallel passes. Overlap each passes by 50% to minimize holidays, bubbling, bare areas and pinholes.
- Avoid excessive thinning & stir occasionally to maintain its homogeneity during application.
- Apply as directed by normal good painting practice like observing surfaces and environmental condition.

### Health & Safety

A Material Safety Data Sheet for this product is available upon request. Minimum precautions to be taken in dealing with all paints are:

- Avoid skin and eye contact.
- If paint comes in to contact with the skin, wash with warm water and or a suitable cleanser. If paint comes in to contact with the eyes, flush with copious amount of water and seek immediate medical attention.
- Ensure good ventilation.
- Paint products contain flammable materials. Please keep them away from sparks and prohibit any smoking in the vicinity.
- Observe all health and safety data on the container.

### DISPOSAL OF PACKAGE

- Dispose all used and empty containers in designated area and in accordance with all applicable regulations.

### Storage / Packaging

PERMACRYL 1017-EWP is available in:

- 4 liters / Gallon
- 16 liters / Tin
- 20 liters / Pails

Keep well in ventilated space and keep area from direct heat & fire

- Temperature: 5-50 °C
- Humidity: 0 -90% RH
- Shelf life @ 28 °C: 12 months

### Additional Information - Disclaimer

The information and in particular, recommendations relating to the application and end - use of Sealbond products, are given in good faith based on Sealbond's best knowledge and specialty on construction chemical formulations. Products are properly stored and handled in accordance with Sealbond's endorsements. Hence, subject to the care and method of application, deviations (from published values) in performance may occur. In practice, to different materials used, as well as varying working conditions and environments beyond our control Sealbond Chemical Industries Inc. strictly recommend carrying out intensive trials to test the suitability of the product with regards to the required processes and applications. Therefore, any liability for such recommendations or any oral / verbal advice is expressly excluded unless we have acted wilfully or by gross negligence. Sealbond Chemicals Industries Inc. is not liable for installation or faulty installation. It is always the responsibility of the installer / applicator / purchaser to guarantee and certify the installation of materials.

All orders are accepted subject to our current terms of sale and delivery. Users must always refer to the most recent issue of the Product Data Sheet for the product awareness, copies of which will be supplied on request and is free of charge.



A2 Araneta St. Cor. Gen. Natividad St.  
Bgy. Ibayo, Tipas Taguig City, Philippines

PH: (632) 881-8813 • (632) 883-1477 • (632) 845-0205  
• (632) 843-4498 • (632) 845-0137

[www.sealbondchemicals.com](http://www.sealbondchemicals.com)



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