



# OA 2900 Permalastic Elastomeric Compound Water borne (Exterior)

## Product Data/ Application Instructions

- **Elastomeric - Exceptional Flexibility & Elongation.**
- **Anti Carbonation properties.**
- **Bridges cracks**
- **High build waterproof surface**
- **Easy to apply - only one component**
- **Resists ultra violet degradation**
- **Attractive finish**
- **Can withstand foot traffic**
- **Economic in use and application.**
- **Water vapour permeable.**

This material is a high solids flexible Acrylic coating which provides long term protection, waterproofing and sealing concrete substrates. It is fully Elastomeric and can bridge cracks. As it never hardens it retains flexibility allowing for thermal movement without damage.

### Typical Uses

OA 2900 Permalastic Elastomeric Compound can be used on a wide range of cementitious and masonry substrates on new construction or for maintenance. Concrete structures, Cladding, Decking etc. All these can be sealed, water proofed and protected by this product.

### Application data summary

For complete information on procedures, equipment and safety precautions, see the application instruction as accompanying shipment. Like all paints and coatings OA 2900 Permalastic Elastomeric Compound must be applied as recommend to obtain the maximum performance.

### Physical Data

Volume Solids..... 49.0% (ASTM D 2697)\*

Finish..... Egg Shell

Colours..... White

Spreading rate:  
@ 250 microns DFT ..... 1.92 m<sup>2</sup> /Lt

Drying time:  
To Touch ..... 2 hours  
To re-coat..... 24 hours

• Depending on ambient temperature & surface conditions.

Thinner ..... Sweet water

Flash Point..... Non-flammable

Application method ..... Airless spray, Roller or brush

Packing size ..... 20 Ltr

Shelf life..... 12 months

Storage..... Out of sun light

Storage Temp ..... 5°C upto 40°C

Note : Allow for application losses. ie. conditions, surface irregularity, surface porosity and application method.

\* Volume solids is measured in accordance with ASTM-D-2697. Slight variations may occur due to colour and testing variances.

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## Surface Preparation

Concrete. -Thorough cleaning and drying. Primer Permalastic OA 1720

Coating performance is proportional to the degree of surface preparation . Refer to Permalastic OA 1720 Application instructions. Prior to coating, all surfaces must be clean and free from of all contaminants including salt deposits.

## Application Equipment

The following is a guide; suitable equipment from other manufacturers may be used. Changes in pressure and tip size may be needed for proper spray characteristics.

**Aireless** - Standard equipment such as Graco Bulldog Hydra Spray 20 or 45:1 pump with 0.021 to 0.31 inch fluid tip.

**Conventional** - Industrial equipment such Binks 11.1 Saturn pump or equivalent with air control cut-off, a material hose ¾ inch ID minimum, and an air hose ½ inch ID and 50-75 psi air pressure minimum. Heavy mastic spray gun such as Binks 7E2 with 1/4 inch fluid tip or larger and slotted nozzle.

**Brush or roller** - Suitable for waterborne coatings. Multiple coats may be required to achieve specified DFT.

## Application Data

Substrate ..... Concrete structures, Cladding, Decking

Application methods ..... Brush, Roller, airless or conventional spray

### Environment Conditions

Temperature ..... °F °F

Air and Surface ..... 45 to 100 7 to 38

Do not apply at temperature below 45°F nor during, or 24 hours preceding, inclement weather; including rain, fog, mist or freezing temperatures.

Drying time to recoat @ 70°(21°C)

Minimum ..... dry through (4 to 8 hours)

Maximum ..... None

- Depending on ambient conditions, surface porosity.

NOTE: . Allow for application losses. ie. conditions, surface irregularity, surface porosity and application method. Prior to recoating ensure the surface is clean. Maximum recoating time intervals are dependent on temperature, degree of weathering and service conditions of the complete coating system. Consult your OAL representative for specific recommendations.

Thinners ..... Sweet water

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## Application Procedure

OA 2900 Permalastic Elastomeric Compound is a one component product and packaged in 20 litres.

1. Flush all equipments with water before use.
2. Stir Permalastic thoroughly until uniformly blended. Avoid excessive mixing or prevent air entrainment.
3. Thinning is normally not required.
4. Spray apply a wet coat in even, parallel passes, Overlap each pass 50 percent to avoid holidays, bare areas and pinholes. If required, follow with a cross spray at right angles to first pass.
5. On rough surfaces back roll first coat to ensure that coating is pushed deep into surface. Spray or roll second coat
6. Clean equipment with water or water and detergent immediately after use.

## Safety Instructions

1. Ventilate work area.
2. Check to ensure that fire or explosion risks are eliminated.
3. Cover all cuts or wounds.
4. Avoid inhaling or ingesting product. (Use mask and goggles for all spray applications).
5. Cover skin as much as possible.
6. Wash hands regularly. Use suitable soft soap.
7. Protect eyes. If product gets into eyes wash out with water until clear. Seek medical assistance.
8. In the event of accidental ingestion seek immediate medical assistance.
9. Take extra care when using airless spray equipment to avoid accidental injury.

## Shipping Data

Packaging ..... in 20 Litres .

Storage..... out of sun light.

Storage temperature..... 5°C up to 40°C.

Shelf life..... 1 year from shipment date when stored indoors in unopened, original containers at 5 to 40°C.

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## Safety

Since improper use and handling can be hazardous to health and cause of fire or explosion, safety precautions included with Product Data/Application Instruction and Material Safety Data Sheet must be observed during all storage, handling, use and drying periods.

## Warranty

OAL warrants its products to be free from defects in material and workmanship. OAL's sole obligations and Buyer's exclusive remedy in connection with the products shall be limited, at OAL's option, to either replacement of products not conforming this warranty or credit to Buyer's account in the invoiced amount of the non-conforming products. Any claim under this warranty must be made by Buyer to OAL in writing within five (5) days of Buyer's discovery of the claimed defect, but in no event later than the expiration of the applicable shelf life, or one year from the delivery date, whichever is earlier. Buyer's failure to notify OAL of such non-conformance as required herein shall bar Buyer from recovery under this

## warranty.

OAL makes no other warranties concerning the product. No other warranties, whether express, implied or statutory, such as warranties of merchantability or fitness particular purpose, shall apply. In no event shall OAL be liable for consequential or incidental damages.

Any recommendations or suggestion relating to the use of the products made by OAL, whether in its technical literature, or response to specific enquiry, or otherwise, is based on data believed to be reliable; however, the products and information are intended for use by Buyer's having requisite skill and know-how in the industry, and therefore it is Buyer to satisfy itself of the suitability of the products for its own particular use and it shall be deemed that Buyer has done so, as its sole discretion and risk. Variation in environment, changes in procedures of use, or extrapolation of data may cause unsatisfactory results.

## Limitation of Liability

OAL's liability on any claim of any kind, including claims based upon OAL's negligence or strict liability, for any loss or damage arising out of, connected with, or resulting from the use of the products, shall in no case exceed the purchase price allocable to the products or part thereof which give rise to the claim. In no event shall OAL be liable for consequential or incidental damages.

Due to OAL's policy of continuous product improvement, the information contained in this Product Data/Application Instructions sheet is subject to change without notice. It is the Buyer's responsibility to check that this issue is current prior to using the product. For the most up-to-date Product Data/Application Instructions always refer to the OAL Protective & Marine Coatings website at [www.oasisameronpaints.com](http://www.oasisameronpaints.com)

To avoid any confusion that may arise through translation into other languages, the English version of the Product Data/Application Instructions will be the governing literature and must be referred to in case of deviations with product literature in other languages.

## Condition of Sale

All our transactions are subject to our Terms and Conditions of Sale.

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