



OA 2200 Permalastic Acrylic Topcoat Water borne (Exterior)

Product Data/ Application Instructions

- **Water vapour permeable.**
- **Anti Carbonation properties.**
- **Alkaline resistant**
- **Good covering capability**
- **Exceptional flexibility**
- **Good adhesion.**
- **Almost odourless**
- **Easy to apply**
- **Good colour retention.**
- **Excellent weather resistant properties.**
- **Excellent washability and scrubability.**
- **Good flow & drying properties.**

This superior coating is a High Gloss Acrylic Emulsion. It is a water borne thixotropic decorative wall paint for interior and exterior use. It is highly washable and resists fading. Completely free from lead. A truly attractive finish.

Typical Uses

OA 2200 Permalastic Acrylic Topcoat can be used on a wide range of cementitious substrates either primed or unprimed. Plaster, cement, concrete, masonry, Primed wood or metal. Areas of damp or humidity. Ideal for concrete structures in exposed or Industrial Environments.

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 2200 Permalastic Acrylic Topcoat must be applied as recommend to obtain the maximum performance.

Physical Data

Volume Solids..... 40% (ASTM D 2697)*

Finish..... Gloss

Colour..... As per colour card

Concrete
@ 75 microns DFT 5.33 m² /Lt

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

• Depending on Ambient conditions surface porosity etc.

Thinners..... Sweet water

Flash point..... Non flammable.

Application method Brush,Spray/Roller

Packing size 20 Ltr

Shelf life..... 12 months

Storage..... Out or 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

For primed surfaces or painted surfaces in good condition:

Clean & degrease. Remove all surface contamination.

For Unprimed surfaces : Neutralize if required. Clean & de-grease. De-dust and remove all surface contamination.

Recommended Primer : Permalastic OA 1720

Note : Suitable for Top coating

Permalastic 2900 Elastomeric Compound.

Coated Surfaces - Ensure surfaces are clean, free from dust, oil, grease, dirt or other contaminants. Depending on condition and cleanliness of surface, cleaning by high pressure water washing (70 atm/1000 psi or higher) may be required. If substrate coatings is not an approved Oasis Ameron Primer, a test patch should be applied to confirm adhesion.

Concrete- New Concrete : Clean concrete surfaces from laitance and foreign matter by sweep blasting. Old concrete - Contact your Oasis Ameron representative for specific recommendations if concrete surfaces have been coated before or for specific coating repair procedures for disintegrated concrete.

Note : Do not use form release agents, concrete curing compounds or hardeners. If used already, a test patch is recommended to confirm adhesion. If in doubt contact your Oasis Ameron representative.

Application Equipment

The following equipment is listed as a guide and suitable equipment from other manufacturers may be used. Adjustments of pressure and change of tip size may be needed to obtain the proper spray characteristics.

Airless spray - Standard airless spray equipment, such as Graco, DeVilbiss, Nordson Bede, Speed-Flo, or others and a fluid tip with a 0.28 to 0.43 mm(0.011 to 0.17 inch) orifice.

Conventional Spray - Industrial equipment such as DeVilbiss MBC or JGA gun with 75 or 765 air cap and "E" fluid tip and heavy mastic spring or Binks No. 18 or 62 with a 66 x 63 PB nozzle setup. Separate air and fluid pressure regulators and a mechanical pot agitator are recommended. A moisture and oil trap in the main air supply line is essential.

Mixer - Use power mixer, Mixer must be powered by an air or electric motor.

Brush - Natural bristle, Maintain a wet edge.

Roller - Industrial solvent resistant roller. Level any air bubbles with bristle brush.

Application Data

Substrate Plaster ,cement, concrete, masonry, Primed wood or metal

Application methods Brush, Roller, airless or conventional spray

Environment conditions
(During application and drying)

Air temperature..... : 5 to 45°C

Surface temperature..... : 5 to 50°C

Material temperature : 10 to 40°C

Relative Humidity (RH)

5 to 10°C : max. 60%

10 to 40°C : max. 85%

> 40°C : max. 95%

To prevent moisture condensation during application, surface temperature must be at least 3°C above dew point. Never apply coatings under adverse environmental conditions. Ensure good ventilation when applied in confined areas to assist evaporation and elimination of solvents.

Drying and Curing (at 50 microns and RH outlined under Environmental Conditions)

Drying times.....	10°C	20°C	30°C
to touch (min.).....	45	15	15
to handle(min.).....	120	30	15
to recoat(hours).....	6	1	1.5

Note : Drying and curing times are dependent on air and substrate temperature, applied film depth

Thinners..... Sweet water

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Application Procedure

OA 2200 Permalastic Acrylic Topcoat 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. Dilute with sweet water) up to 30% depending on ambient conditions, method of application, surface porosity etc.
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

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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