



OA 6544 Permashell Acrylic Emulsion Water borne (Exterior/Interior)

Product Data/ Application Instructions

- **Water vapour permeable.**
- **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 high quality coating is a Semi 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

Permashell can be used on a wide range of substrates either primed or unprimed. Plaster, cement, wood block, hard board, brick, Primed wood or metal. Areas of damp or humidity, homes, hospitals, kitchens, schools.

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 6544 Permashell Acrylic Emulsion must be applied as recommend to obtain the maximum performance.

Physical Data

Volume Solids..... 32.16% (ASTM D 2697)*

Finish..... Semi Gloss

Colour..... As per colour card

Spreading Rate:
@ 25 microns DFT 12.86 m² /Lt

Drying time
To Touch 30 minutes
To re-coat..... 2 hours

• Depending on Ambient conditions surface porosity etc.

Thinners..... Sweet water

Flash point..... Non flammable.

Application method Brush,Spray/Roller

Packing size 18 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 Primers :

- OA 3587 Latex Primer Sealer or
- OA 3566 Acrylic Primer Undercoat.

Application Equipment

AIRLESS SPRAY - Standard airless spray equipment
Dilute with water only as required to achieve an even spray pattern.

CONVENTIONAL SPRAY – Standard Industrial equipment. Separate air and fluid pressure regulators. Mechanical pot agitator and a moisture and oil trap in the main air supply line are recommended. Dilute with water only as required to achieve an even pattern

BRUSH / ROLLER - For touch up purposes.

MIXER - Use power mixer powered by an air motor or an explosion proof electric motor.

Application Data

Substrates Plaster ,cement, wood block, hard board, brick, Primed wood or metal

Application methods Brush, Roller, airless or conventional spray

Drying time
To Touch 30 minutes
To re-coat..... 2 hours

- 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 6544 Permashell Acrylic Emulsion is a one component product and packaged in 18 litres.

1. Mix material thoroughly.
2. Dilute as required with sweet water to allow for porosity and to achieve good workability.
3. Dilute rate with sweet water : up to 30% depending on ambient conditions, method of application, surface porosity etc.
4. Application 25-50 microns dry film thickness per coat is to be advised.
5. Ventilation with air is required during application and drying.
6. Clean all equipment after application with water.

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 18 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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