



OA 9552 Permalum HS Quick Drying Alkyd Aluminium (Exterior/Interior)

Product Data/ Application Instructions

- Quick drying
- Self priming
- Good rust inhibiting qualities
- Simple to apply
- Easy handling and recoating qualities
- Bright, attractive finish
- Lead free

This product is a quick drying self priming modified Alkyd Aluminium coating for structural steel. Intended for use in dry or mildly corrosive conditions.

Typical Uses

For use on structural steel or other ferrous surfaces when quick drying, self priming qualities are required. ie. Pre-engineered buildings that are prepared and treated on a production line basis or where early handling or transport is necessary.

Application data summary

For complete information on procedures, equipment and safety precautions, see the application instruction as accompanying shipment. Like all high-performance coatings OA 9552 Permalum HS Quick Drying must be applied as recommend to obtain the maximum performance.

Physical Data

Volume Solids	49 ±2 % (ASTM D 2697)*
Finish	Flat
Colour	Aluminium
Spreading rate @ 25 microns DFT	19.6 m ² /Lt
Drying time	
To Touch	3-5 minutes
To re-coat.....	1 hour (@20°C)

- Depending on ambient temperature and film thickness.

Thinner	Amercoat 65
Flash Point.....	26°C
Application method	Conventional or, Airless Spray
Packing size	20 ltr/ 200 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

Remove by appropriate means, grease, oil, millscale, corrosion deposits, weld slag, spatter or any other surface contamination.

Blast clean : SSPC - SP6 or
SIS.SA 2.0

Power Clean : SSPC - SP3 or
SIS.ST 3.

Application Equipment

AIRLESS SPRAY - Standard airless spray equipment
Dilute with Amercoat 65 Thinner only as required to achieve an even spray pattern (5-10% max)

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 AM 65 Thinner only as required to achieve an even pattern (5-10% max)

BRUSH / ROLLER - For touch up purposes.
MIXER - Use power mixer powered by an air motor or an explosion proof electric motor.

Application Data

Substrate Ferrous surfaces,Structural Steel.

Application methods Brush,Airless or
conventional spray

Environmental Conditions (during application and drying)

Air temperature: 0 to 50°C 32 - 122°F

Surface temperature: 0 to 60°C 32 - 140°F

Drying time

To Touch 3-5 minutes

To re-coat..... 1 hour (@20°C)

- Depending on ambient temperature & surface conditions.

Surface temperature must be at least 3°C/5°F above dew point to prevent moisture condensation on the surface. Never apply coatings under adverse environmental conditions. Ensure good ventilation when applied in confined areas to assist evaporation and elimination of solvents.

NOTE: drying times are dependent on air and steel temperature, applied film thickness, ventilation and other environmental conditions. Times are proportionally shorter at higher temperature and longer at lower temperatures. 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..... Amercoat 65

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Application Procedure

OA 9552 Permalum HS Quick Drying is a one component product and packaged in 20 litres cans or 200 litres drums.

1. Mix material thoroughly.
2. Dilute with AM 65 thinner only as required to achieve an even spray pattern.
3. Thinning of up to 5-10 % (max) by volume may be necessary
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 AM 65 Thinner.

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 or 200 litres

Storage out of sun light.

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

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Caution

This product is flammable. Keep container closed. Use with adequate ventilation. Avoid prolonged and repeated contact with skin. If used in confined areas, observe the following precautions to prevent hazards of fire or explosion or damage to health:

1. circulate adequate fresh air continuously during application and drying;
2. use fresh air masks and explosion proof equipment;
3. prohibit all flames, sparks, welding and smoking.

Do not empty into drains. Take precautionary measures against static discharges. For specific information on hazardous ingredients, required ventilation, possible consequences of contact, exposure and safety measures see Safety Data Sheet.

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.

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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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