



AMERLUX

Protective Coatings

OA 5387

Permabit Black

Bitumen Paint

Product Data/

Application Instructions

- **Chemically resistant.**
- **Resists back ill damage.**
- **Easily applied.**
- **Quick drying.**
- **Wide temperature range.**
- **Surface tolerant.**
- **Resistant to alkalies*, acids*, Salt & Chemicals****

OA 5387 Permabit Black (Solvent base) is a high quality quick drying bitumen paint, which complies with BS 6920. OA 5387 Permabit bituminous paint is a high quality quick drying bitumen paint. Permabit can be used in aggressive sub-grade service to protect concrete, Steel and other surfaces against polluted ground waters as found in some areas of the middle-east. Permabit has a wide effective temperature range. It can be used on pipes, prepared galvanized surfaces, steel and concrete substrates for buried and atmospheric service.

Typical Uses

OA 5387 Permabit Black is an effective water proofing and corrosion resistant coating. It can be used to protect metal structures, concrete asbestos cement and stone. It is ideal for the protection of below ground pipes, structures, foundations etc.

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 5387 Permabit Black must be applied as recommend to obtain the maximum performance.

Physical Data

Solid Content..... 57 ± 3% (ASTM D2697)

Finish..... Black & Glossy

Service Temperature From Minus 20°C up to 70°C.

Typical Thickness..... 100 – 200* microns

Theoretical Coverage..... 2.85 m²/ltr @ 200 microns

Drying time..... 3 hours

Thinner..... OA 55

Flash point..... 40°C

Packing size..... 18 / 200 ltrs. Drums

Application method Roller, Brush, Spray.

Shelf life 12 months

Storage Up to 40°C

* Typical thickness depends on project specification and type of substrate.

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

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Surface Preparation

All surface contamination to be removed. Greasy deposits to be cleaned off by detergent cleaning or solvent wiping. If long term protection is required on steel substrates, prime the surface with a Zinc Phosphate primer such as OA 5560, OA 3956, OA 3961. For recommendation please contact OAL.

Permabit can be over-coated with itself.

Application Equipment

AIRLESS SPRAY - Standard airless spray equipment Dilute with OA 55 or OA 60 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 15 Thinner only as required to achieve an even pattern (5-10% max)

ROLLER - Soft & Smooth roller is recommended

BRUSH - For hard to reach areas, corner & edges

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

Application Data

Substrate Steel structures & Pipes, Concrete asbestos, cement and stone

Application methods Brush, Roller, 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

- Curing may be inhibited in relative humidity of more than 85%.
- Substrate may contain residual moisture but must not be wet.

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 OA 55 or OA 60

OA 5387 Permabit Black

Application Procedure

OA 5387 Permabit Black is a one component product and packaged in 18/200 ltrs drum.

1. Mix material thoroughly.
2. Thinning of up to 10 % (max) by volume may be necessary
3. Ventilation with air is required during application and drying
4. Clean all equipment after application with 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

Packagingin 18 / 200 ltrs drum.

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.

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 website at www.oasisameron.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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