



OA 9564

Red Oxide - F.D.

Alkyd Primer

Product Data/ Application Instructions

- **Fast Drying**
- **Good rust inhibitive qualities**
- **Simple to apply**
- **Easy handling and recoating qualities**
- **Ideal for industrial conditions**
- **Lead and Chromate free**

OA 9564-F.D. is a fast drying alkyd coating for structural steel. Intended for use in dry or mild corrosive conditions.

Typical Uses

For use on structural steel or other ferrous surfaces when fast drying qualities are required. i.e. 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 9564 - F.D. must be applied as recommend to obtain the maximum performance.

Physical Data

Finish.....	Flat
Colour	Oxide Red
Components	1
Curing mechanism	solvent release and reaction with oxygen from the air
Volume solids	49% (+/- 2) *
Dry film thickness	25-50 µm
Number of coats	1- 2
Calculated coverage	19.6 m ² /l at 25 µm

Note: when computing working coverage, allow for application losses, surface irregularities, etc.

Flash points.....	°C
OA 9564-F.D	26
Thinner 21-06	24

Packaging

20 ltr / 200 ltr

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

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

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Surface Preparation

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

Blast clean:.....SSPC-SP6 or SIS. SA 2.0.

Power Clean: SSPC-SP3 or SIS. ST3.

Application Equipment

AIRLESS SPRAY - Standard airless spray equipment
Dilute with Thinner 21-06 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 Thinner 21-06 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 Steel

Application methods Airless, conventional spray, brush*

Environmental Conditions (during application and drying)

Air temperature: 0 to 50°C

Surface temperature: .. 0 to 50°C

Drying time at 20°C **

To touch 3-5 minutes

To re-coat 1 hour

Surface temperature must be at least 3°C above dew point to prevent moisture condensation on the surface. Do not attempt to apply heavier coats at elevated temperatures as this may cause sagging or surface wrinkling. Apply coating at recommended film thickness.

* Brush for touch up purpose

** Depending on ambient temperature, film thickness and ventilation.

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Application Procedure

OA 9564-F.D. is a one component product and packaged in a 20 ltr or 200 ltr unit.

1. Mix material thoroughly.
2. Thinning of up to 10 % (max) by volume may be necessary
3. Application 25-50 microns dry film thickness per coat is to be advised.
4. Ventilation with air is required during application and drying
5. Clean all equipment after application with Thinner 21-06.

Shipping Data

Packaging in 20ltr or 200 ltr

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

PPG warrants its products to be free from defects in material and workmanship. PPG's sole obligations and Buyer's exclusive remedy in connection with the products shall be limited, at PPG'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 PPG 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 PPG of such non-conformance as required herein shall bar Buyer from recovery under this warranty.

PPG 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 PPG be liable for consequential or incidental damages.

Any recommendations or suggestion relating to the use of the products made by PPG, 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

PPG's liability on any claim of any kind, including claims based upon PPG'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 PPG be liable for consequential or incidental damages.

Due to PPG'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 PPG Protective & Marine Coatings website at www.ppgpmc.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.