

**FLOOD PENETROL® Oil-Based Paint Additive****GENERAL DESCRIPTION**

PENETROL is a free-flowing, low-odor, high quality penetrating oil-based paint additive which compensates for the adverse effects that weather and surface conditions have on paints and primers. Use in oil or alkyd-based paints, varnishes and primers. May also be used to condition metal and faded, weathered fiberglass surfaces.

RECOMMENDED USES / SUBSTRATES

Use in Oil or Alkyd-Based Paints, Varnishes and Primers
Use on Metal
Use on Faded, Weathered Fiberglass

PRODUCT INFORMATION

FLD4

PACKAGING

1 - Quart (946 mL)
1 - Gallon (3.78 L)

PRODUCT DATA

PRODUCT TYPE: Oil
VOLUME SOLIDS: 30% +/- 2%
WEIGHT SOLIDS: 36% +/- 2%
VOC: <65% by wt. (<550 g/L)
WEIGHT/GALLON: 7.2 lbs. (3.3 kg) +/- 0.2 lbs. (91 g)

COVERAGE: Varies depending on use.

DRYING TIME: Allow 12-24 hours dry if used on bare metal when applied in optimal temperatures of 50°F (10°C) to 85°F (29°C). When added to paint, may increase the dry time of the paint. High humidity or temperatures below 50°F (10°C) may prolong drying and recoating times.

CLEANUP: Clean brushes and tools with mineral spirits. **DANGER – RAGS, STEEL WOOL OR WASTE SOAKED WITH FLOOD PENETROL MAY SPONTANEOUSLY CATCH FIRE IF IMPROPERLY DISCARDED. IMMEDIATELY AFTER EACH USE, PLACE RAGS, STEEL WOOL OR WASTE IN A SEALED WATER-FILLED METAL CONTAINER.**

DISPOSAL: Contact your local environmental regulatory agency for guidance on disposal of unused product. Do not pour down a drain or storm sewer.

PERMISSIBLE TEMPERATURES DURING APPLICATION:

Material: 50 to 90°F (10 to 32°C)
Ambient: 50 to 90°F (10 to 32°C)
Substrate: 50 to 90°F (10 to 32°C)

FLASH POINT: 108°F (42°C)

FEATURES

Increases adhesion, penetration and flow of oil-based paints, varnishes, and primers

Restores luster to faded, weathered fiberglass

Acts as a rust inhibitor on metal surfaces

Improves open and working time

Diminishes lap and brush marks

Read Label and Material Safety Data Sheet prior to use. See other cautions on last page.

FLOOD PENETROL Oil-Based Paint Additive

DIRECTIONS FOR INTERIOR AND EXTERIOR USE

Always mix a small amount of **PENETROL** with the paint you are using to determine compatibility.

Adding to Oil or Alkyd-Based Paint or Primers: Stir and mix oil or alkyd-based paint thoroughly. As paint begins to set up too fast or "drag", stir in **PENETROL**. Start with approximately one pint (473 mL) **PENETROL** per gallon (3.78 Liters) of paint. If paint is thick, or in extreme hot or cold temperatures, more **PENETROL** may be added, up to 2.5 pints (1.18 Liters) per gallon (3.78 Liters) of paint.

Faux Finishing: **PENETROL**, mixed directly into oil or alkyd-based paint, will improve the brushability of your paint and flow and leveling of the base coat. **PENETROL** keeps paint from drying too fast thus increasing the working time of your paint and glazes. Using an empty container or dispensable cup as a measuring device, mix 3 volumes of oil or alkyd-based paint to 1 volume of **PENETROL**. The more **PENETROL** you add to the mixture (glaze) the more open time you will have and the more translucent the finish. Do not add too much conditioner for vertical surfaces as the technique may cause the paint to sag or vanish.

Conditioning Bare or Rusted Metal: Remove loose rust, excess dirt, oil and grease. Be sure surface is dry. Saturate the metal with **PENETROL**. Allow 12-24 hours for drying. NOTE: For brass, copper, aluminum and chrome, scrub surface with fine steel wool soaked in **PENETROL** and polish with a clean rag.

Conditioning Fiberglass: Clean surface to be conditioned. Saturate a rag with **PENETROL**, wipe it on fiberglass surface. Buff surface with a clean, soft cloth within 3-5 minutes.

WARNING! If you scrape, sand or remove old paint, you may release lead dust. LEAD IS TOXIC. Contact the National Lead Information Hotline at 1-800-424-LEAD or log on to www.epa.gov/lead.

LIMITATIONS OF USE

Do not add too much conditioner for vertical surfaces as the technique may cause the paint to sag or vanish.

PRECAUTIONS

DANGER! COMBUSTIBLE LIQUID AND VAPOR. HARMFUL OR FATAL IF SWALLOWED. CAUSES RESPIRATORY TRACT AND EYE IRRITATION. Inhalation of high concentrations of vapor may affect the central nervous system. Repeated exposure to high vapor concentrations may cause irritation of the respiratory system and permanent brain and nervous system damage. High vapor concentrations can cause headaches, dizziness, drowsiness and nausea and may lead to unconsciousness. Can enter lungs and cause damage. Keep away from heat and flame. Do not breathe vapor or mist. Do not swallow. Avoid contact with eyes. Keep container tightly closed and sealed until ready for use. Wash thoroughly after handling. Provide fresh air ventilation during and after application and drying. Avoid the inhalation of dust, particulates, spray or mist arising from the application of this preparation. Use personal protective equipment as required. DANGER - RAGS, STEEL WOOL OR WASTE SOAKED WITH FLOOD PENETROL MAY SPONTANEOUSLY CATCH FIRE IF IMPROPERLY DISCARDED. IMMEDIATELY AFTER EACH USE, PLACE RAGS, STEEL WOOL OR WASTE IN A SEALED WATER-FILLED METAL CONTAINER. **Note: These warnings encompass the product series. Prior to use, read and follow product-specific MSDS and label information.** **FIRST AID:** If swallowed, rinse mouth with water (only if the person is conscious). Call physician immediately. Do not induce vomiting unless directed to do so by medical personnel. If in eyes, rinse with water for 15 minutes. Check for and remove any contact lenses. If on skin, rinse well with water. Wash with soap and water. Get medical attention if irritation develops. If inhaled, remove to fresh air. If experiencing respiratory symptoms call a POISON CENTER or doctor/physician. Keep out of the reach of children. For workplace use, an MSDS is available from your retailer or by calling (412) 492-5555. EMERGENCY SPILL INFORMATION: (412) 434-4515 (U.S.).

The PPG Logo is a registered trademark of PPG Industries Ohio, Inc. PENETROL, FLOOD and the FLOOD and Paintbrush Design are registered trademarks of PPG Industries, Inc. © 2015 PPG Industries, Inc. All Rights Reserved.

PPG Architectural Finishes, Inc. believes the technical data presented is currently accurate; however, no guarantee of accuracy, comprehensiveness, or performance is given or implied. Improvements in coatings technology may cause future technical data to vary from what is in this bulletin. For complete, up-to-date technical information, call 1-800-426-6306.



PPG Industries, Inc.
Architectural Coatings
One PPG Place
Pittsburgh, PA 15272
www.flood.com

Technical Services
1-800-426-6306

Architect/Specifier
1-888-PPG-IDEA

PPG Architectural Coatings Canada Inc.
2505, rue de la Métropole,
Longueuil (Québec) Canada J4G 1E5

T.D. FLD4 4/2016

Made in the
USA