



GREAT NORTHWEST PAINT EXTERIOR FLAT ALKYD

650

Exterior Flat Alkyd Oil PRODUCT DATA

HMIS CODE:
HEALTH: 2 FLAMMABILITY: 2
REACTIVITY: 0 PERSONAL PROTECTION: B

AVAILABLE IN:

BASES: 650 White

COLORS: 650 White

DESCRIPTION: 650 is an exterior solid covering (opaque) oil base paint coating. 650 is designed for the professional painter to use over properly prepared plywood, such as T1-11, 303 Siding, rough or smooth cedar. 650 can be used on a new substrate or for repainting properly prepared previously coated surfaces. 650 produces a flat finish that does not obscure the texture or the grain pattern of a substrate.

NOT RECOMMENDED FOR: Direct application to metal, masonry, aluminum or galvanized, glossy or factory coated metals, vinyl siding and particle board. Some of these substrates need special painting procedures. 650 is not recommended for use on decks, porches or horizontal surfaces.

SURFACE PREPARATION: Before applying, read and follow all directions and cautions on container label. All old and new surfaces to be painted must be sound, clean, dry and free of dust, sawdust, dirt, oils, chalk, mildew, blistered or peeling paint, organic matter or any other contaminant that can affect the paint film. On new wood, remove any loose wood fibers. Surface preparation can be achieved by scraping, sanding, wire brushing, pressure washing, sandblasting or any other approved method of preparing a substrate for painting. If a structure is cleaned with a pressure water wash, the structure should be let to dry in good weather for one week before painting. Mold and mildew can be removed by washing with a solution of 6 - 8 ounces of a non-phosphated detergent and 1 quart bleach in 1 gallon hot water. Let set 15 to 20 minutes after applying solution, then rinse thoroughly with fresh water. Shrubbery and plants should be watered down and covered before applying solution. Wear protective eye shields and clothing while using this solution. The moisture content of the substrate should not exceed 15%, as determined by a moisture meter. New concrete and masonry substrates must be thoroughly dry and cured. Allow at least 28 days minimum in good weather for curing. Remove efflorescence and form release compounds, bond breakers, laitance, as well as any dirt, dust or any other contaminants. Some concrete surfaces have too dense and smooth of appearance for a paint coating to adhere to and will need to be abrasive-grit blasted, sanded or abraded in some manner, to give the surface a profile acceptable for a paint coating to adhere to. Repair any moisture problem areas. Clean and fill major cracks, voids, nail and staple holes. Caution should be taken if a flammable product is used for cleaning. For special painting procedures, ask your PARKER PAINT representative for additional instructions.

RECOMMENDED PRIMERS:

WOOD: Self prime
450 First Kote

MASONRY & CONCRETE:
1840 Alkali Resistant Primer
2345 Flex Bind

2333 Flex Prime
2347 Block Filler

PVC & PLASTIC: 1640 Overlay Primer White
2333 Flex Prime

APPLICATION:

Mix paint thoroughly before using.

RECOMMENDED DRY FILM THICKNESS

PER COAT: 1.7 mils.

WET FILM TO ACHIEVE DFT: 3.2 mils.

(Unthinned Material)

THEORETICAL COVERAGE

AT RECOMMENDED DFT: 500 sq. ft. per gallon

Coverage will depend on the method of application, porosity, and texture of the surface.

Two coats are recommended for maximum durability.

650 must be applied thick enough to thoroughly coat the substrate being painted. If spray application is used, back rolling or brushing is recommended. On new wood, a second coating is recommended.

If tannin bleeding on a wood substrate is a potential problem, apply one or two coats, as needed, of Parker Paint's 450 First Kote Primer.

RECOMMENDED APPLICATION

TEMPERATURES AND HUMIDITY:

50 - 90° F (10 - 32°C) 50% RH

DRYING TIMES: TACK FREE: 3 hours

@ 77° F (25° C) RECOAT: 12 hours

50 - 55 RH DRY HARD: 24 hours

NOTE: See back under Precautionary Information.

EQUIPMENT RECOMMENDATIONS:

BRUSH/ROLLER: Use premium quality nylon or pure bristle brushes and roller covers. To insure a uniform finish and avoid lap marks, maintain a wet edge and apply with a fully loaded brush or roller cover.

AIR ATOMIZED SPRAY: With suitable nozzle set up.

AIRLESS SPRAY: With tip orifice size of .015 to .021. Back brushing or rolling is recommended after a spray application on a new wood or old wood substrate.

THINNING: No thinning is necessary. If necessary add no more than 4 fl. oz. paint thinner per gal.

VOC BEFORE THINNING - 367 grams/liter 3.06 lbs./gal.

VOC AFTER THINNING - 380 grams/liter 3.16 lbs./gal.

CLEAN-UP: Clean all tools and equipment immediately after use with clean paint thinner. Rinse with clean paint thinner.

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(continued over)

PRODUCT ANALYSIS		650 White Only	
PIGMENT -----			58.00%
Titanium Dioxide	29.00%		
Nepheline Syerite	44.00%		
Silicates	27.00%		

	100.00%		
VEHICLE -----			42.00%
Linseed Oil & Alkyd	45.00%		
Mineral Spirits	45.00%		
Additives & Driers	10.00%		

	100.00%		100.00%

VEHICLE TYPE: Alkyd and Oils

SOLVENT TYPE: Mineral Spirits

VOC GRMS/L: 367 grams/liter 3.06 lbs./gallon
— Before Thinning —

APPEARANCE: Flat

GLOSS RANGE: 2 - 5 @ 60°

VISCOSITY: 85 - 90 Ku's
(@ 77° F [25°C])

SOLIDS BY WEIGHT: 74.7± 1.5%

SOLIDS BY VOLUME: 53.5% ± 1.5%

WEIGHT/GAL.: 12.2 ±.25 lbs/gal.

PACKAGING: FIVE: X ONE: X QT:

SHELF LIFE: N/A

TINTING: PARKER PAINT Color Guild Colorants.
Check colors before applying. Custom mix colors may not dry to an exact match to the sample chip. Apply the paint to a small test area.

APPLICATION OF A COLOR COULD CONSTITUTE ACCEPTANCE OF THE COLOR.

PARKER PAINT assumes no responsibility expressed or implied for mismatched colors after they have been applied. No refunds on custom mixed colors unless the company is in error.

ENVIRONMENTAL CONSIDERATIONS
Formulated without lead or mercury.

PRECAUTIONARY INFORMATION:
CLOSE CONTAINER AFTER EACH USE

KEEP OUT OF REACH OF CHILDREN

DO NOT TAKE INTERNALLY

COMBUSTIBLE

FLASH POINT: 104° F (Set-A-Flash)

D.O.T. (REQUIREMENTS): N/A

STORE in a clean dry place away from high heat and open flame. Vapors may ignite.

RECOMMENDED STORAGE TEMPERATURES
should be between: 38 - 100° F (3 - 38° C)

EXTINGUISHING MEDIA: CO2, Dry Chemical, Alcohol Foam, Foam. Water may be used to cool closed containers to prevent pressure build-up and explosion when exposed to extreme heat.

NOTE: Dry times will vary depending upon ambient temperatures and atmospheric conditions.

Dry Hard in 24 hours does not mean that the paint coating has fully cured. It has reached a stage where handling can be achieved without removing the paint film under minimal pressure from hands or fingers.

Cedar, Redwood, Fir plywood and many other wood by-products contain a soluble extractive which can discolor white or light colored latex and oil base paints. This extractive staining can develop months after the finish is applied. It is recommended that a primer, specifically formulated to retard this discoloration be used first. There is no guarantee that one coat of either a latex or oil base primer will prevent EXCESSIVE extractive bleeding.

Do not apply a paint coating to a hot surface or in the direct sunlight. One or both could cause the coating to blister and/or peel.

Contain all wiping rags in a water filled metal container to prevent possible spontaneous combustion.

USE WITH ADEQUATE VENTILATION. Avoid prolonged or repeated contact with skin and breathing vapors or spray mist. Coatings should only be applied when ventilation is adequate. If there is not adequate ventilation, applicators should wear respirator approved by NIOSH / MSHA (TC-23C or equivalent).

This product has been formulated to resist mildew growth on dried paint film. There are no known methods or chemicals to eliminate the growth of mildew if the conditions are favorable to its growth; therefore Parker Paint Company assumes no responsibility for mildew development.

THINNER - CAUTION:

CONTAINS: ALIPHATIC HYDROCARBONS
Keep away from heat, sparks and flame. Avoid breathing of vapor or spray mist. Avoid contact with eyes and skin. Keep container closed when not in use. Keep closures tight and upright to prevent leakage. In case of spillage, absorb and dispose of in accordance with local applicable regulations.

FIRST AID

In case of skin contact, flush with plenty of water; for eyes, immediately flush with plenty of water for 15 minutes and get medical attention. If you experience eye watering, headaches or dizziness, increase fresh air or wear respiratory protection (NIOSH/MSHA TC 23C or equivalent) or leave the area. If swallowed, CALL A PHYSICIAN IMMEDIATELY.

NOTICE

Reports have associated repeated and prolonged occupational over-exposure to solvents with permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal.

MATERIAL SAFETY DATA SHEET AVAILABLE ON REQUEST

REVISED: 1/99 (Supersedes 12/97)

To the best of our knowledge, the information presented herein is correct. No guarantee of accuracy is given or implied. The information is subject to change without prior notice. Because conditions of surface preparation, material handling, and application are beyond our control, we assume no responsibility for product performance or injuries resulting from use of our products. Liability, if any is limited to the replacement of products. No other warranty or guarantee of any kind is made by the seller, express or implied, statutory, by operation or law or otherwise, including merchantability and fitness for a particular purpose.