



OVERLAY BLACK

(Wrought Iron Black)

1645

INT/EXT QUICK DRY FLAT ALKYD PRIMER

PRODUCT DATA

HMIS CODE:
HEALTH: 2 FLAMMABILITY: 3
REACTIVITY: 0 PERSONAL PROTECTION: B

AVAILABLE IN:

BASES: N/A

COLORS: 1645 Black

DESCRIPTION: PARKER PAINT's 1645 Overlay Black is a fast drying primer for interior or exterior use that can be brushed or sprayed. PARKER PAINT's 1645 Overlay Black has excellent adhesion to most paintable surfaces and will also produce a tough, lacquer or epoxy resistant film with good sandability and excellent enamel hold out. PARKER PAINT's 1645 Overlay Black can be applied to most properly prepared hard glossy surfaces, factory primed or enameled surfaces, high density overlay plywood, PVC & hard plastics, most woods, masonry, wallboard and clean metal. PARKER PAINT's 1640 can be used as a primer for Zolotone, Speed Dri Enamels, on fiberglass and glass.

NOT RECOMMENDED FOR: Use as an exterior house primer on wood siding. Use PARKER PAINT'S 450 FIRST KOTE. Use as a rust inhibitive metal primer or use over an asphalt or bituminous coating. Use as a primer/sealer to retard stains or wood extractives (Tannin Bleed).

SURFACE PREPARATION: Before applying, read and follow all directions and cautions on container label. The moisture content of the substrate to be painted should not exceed 15% as determined by a moisture meter. All surfaces to be painted, old and new, must be sound, clean, dry and free of dust, saw dust, dirt, oils, chalk, mildew, blistered or peeling paint, organic matter or any other contamination that can affect the paint film. This can be achieved by scraping, sanding, wire brushing, pressure, sandblasting or any other approved method of preparing a substrate for painting. Clean and fill all major cracks, voids, nail and staple holes. On new wood, remove any loose fibers. Repair any moisture problem areas.

RECOMMENDED PRIMERS:

WOOD: Self prime

MASONRY/CONCRETE: Self prime

METAL: Self prime

NEW GALVANIZED/ALUMINUM:
1821 Galv O Prime

1645 Overlay Black does not contain rust inhibitive properties.

APPLICATION:

Mix paint thoroughly before using.

RECOMMENDED DRY FILM THICKNESS

PER COAT: 1.4 mils.

WET FILM TO ACHIEVE DFT: 2.7 mils.

(Unthinned Material)

THEORETICAL COVERAGE

AT RECOMMENDED DFT: 580 - 630 sq. ft. per gal.

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

DO NOT apply an exterior paint coating during rain, or in damp, foggy or freezing weather. Any of these conditions can affect the drying, appearance and durability of the paint coating.

RECOMMENDED APPLICATION

TEMPERATURES AND HUMIDITY:

50 - 90° F (10 - 32° C) 50 - 55% RH

DRYING TIMES: TACK FREE: 30 min.

@ 70 - 80° F RECOAT: 1 hour

and 50% RH DRY HARD: 4 hrs.

NOTE: See back under Precautionary Information.

EQUIPMENT RECOMMENDATIONS:

BRUSH: Use premium quality pure bristle brushes.

AIR ATOMIZED SPRAY: With suitable nozzle set-up.

AIRLESS SPRAY: With tip orifice size of .013 to .021.

THINNING: No thinning is necessary. If thinning is necessary, add no more than 4 fl. oz. per gal of 3310 Synthetic Thinner.

CLEAN -UP: Clean all tools and equipment immediately after use with clean lacquer thinner or synthetic thinner.

PRODUCT ANALYSIS: 1645

PIGMENT		36%
Amorphous Fumed		
Silica	1%	
Amorphous Diatomaceous	9%	
Barium Sulfate	13%	
Nepheline Syenite	26%	
Aluminum Silicates	46%	
Carbon Black	5%	
	<hr/>	
	100%	

VEHICLE		64%
Modified Alkyd	61%	
Aromatic Solvent	37%	
Additives & Driers	2%	
	<hr/>	
	100%	100%

VEHICLE TYPE: Modified Alkyd**SOLVENT TYPE:** Xylene**VOC GRMS/L:** Voc before thinning 397 g/l (3.30 #/gal)
Voc after thinning with recommended thinner 450 g/l (3.75 #/gal)**APPEARANCE:** Flat**GLOSS RANGE:** N/A**VISCOSITY:** 65 - 70 KU's
(@ 77°F [25° C])**% SOLIDS BY WEIGHT:** 67 - 70%**% SOLIDS BY VOLUME:** 51 - 54%**WEIGHT/GAL:** 10.3 - 10.7 #/gal.**PACKAGING:** FIVE: X ONE: X QT: X**SHELF LIFE:** N/A**TINTING:** Not recommended.**PRECAUTIONARY INFORMATION:
CLOSE CONTAINER AFTER EACH USE****KEEP OUT OF REACH OF CHILDREN****DO NOT TAKE INTERNALLY****COMBUSTIBLE****FLASH POINT:** 70° F (Set-A-Flash)**D.O.T. (REQUIREMENTS):** Red Label**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.**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).**THINNER - CAUTION:****CONTAINS: XYLENE**

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 spoilage, 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.

ENVIRONMENTAL CONSIDERATIONS
Formulated without lead or mercury.**MATERIAL SAFETY DATA SHEET AVAILABLE ON REQUEST**

REVISED: 9/99 (Supercedes 12/96)

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