



PERM GARD

1845

Interior Latex Vapor Barrier PRODUCT DATA

HMIS CODE:	
HEALTH: 1	FLAMMABILITY: 0
REACTIVITY: 0	PERSONAL PROTECTION: B

AVAILABLE IN:**BASES:** None**COLORS:** 1845 White

DESCRIPTION: PARKER PAINT's Perm Gard 1845 is a latex primer/sealer designed to be used as a vapor barrier (moisture retarder) on interior walls and ceilings that come in contact with the outside unheated air space.

PARKER PAINT's Perm Gard is a perm rated product with a perm rating that does not exceed 1.0 perm, when applied at recommended film thickness. The Federal Housing Administration and other agencies have set an acceptable standard for a vapor barrier coating at a perm reading of less than 1.0 perm. PARKER PAINT's Perm Gard was tested by an independent testing laboratory in accordance to the American Society for Testing Materials Standard E96-80 Procedure A.

PARKER PAINT's Perm Gard is designed to reduce the amount of water vapor (moisture) transmitted through the wallboard of ceilings and walls to the polyethylene sheeting or into the stud space, thereby keeping the water vapor (moisture) from condensing and saturating the wallboard and/or the insulation and wood siding. Moisture-filled voids in the insulation can reduce its insulation R value and add to heat loss, wood rot, and possible exterior paint failure.

NOT RECOMMENDED FOR: Exterior application, bare wood, metal, hot plaster, enameled or cold surfaces (below 50° F).

SURFACE PREPARATION: Before applying, read and follow all directions and cautions on the container label. The surfaces to be painted must be sound, clean, dry and free of dust, saw dust, dirt, oils, chalk, mildew, organic matter, or any other contamination that can affect the paint film.

Some of the gypsum type wallboards (sheetrock, drywall, etc.) bding used exhibit a different rate of absorption between the board face paper and the joint compound. An undiluted, high quality, low porosity wallboard primer that will equalize the porosities of the joint compound and the gypsum wallboard surface must be used (Parker's 1843 Pro Prime).

When repainting walls and ceilings, clean surfaces thoroughly, remove any loose or peeling paint, sand glossy areas and primewith appropriate primer. Repair cracks, nail holes and any other surface imperfections with a spackling compound or like filler and allow to dry. Sand lightly if needed and spot prime with Perm Gard.

The moisture content of the substrate to be painted should not exceed 15% as determined by a moisture meter. New plaster, concrete and masonry substrates must be thoroughly dry and cured. Allow at least 28 days minimum in good weather with plenty of air circulation and ventilation to help reduce the moisture and alkali to an acceptable level. Caution should be taken if a flammable product is used for cleaning.

For special painting procedures ask a PARKER PAINT representative for a color chart.

RECOMMENDED PRIMERS:

MASONRY/CONCRETE: Self Priming

WALLBOARD/PLASTER: Self Priming

APPLICATION:

Mix paint thoroughly before using.

RECOMMENDED DRY FILM THICKNESS**PER COAT:** 2-1.75 mils**WET FILM TO ACHIEVE DFT:** 6.2-5.3 mils

(Unthinned Material)

THEORETICAL COVERAGE**AT RECOMMENDED DFT:** 250-300 sq. ft. per gal.

Coverage will depend on the method of application, porosity and texture of the surface. If coverage exceeds 300 sq. ft. per gallon, the vapor barrier properties will not be achieved. Two coats of Perm Gard may be necessary on very porous or heavily textured surfaces to acheive the dry mil thickness needed for the perm rating.

It is important that the primer be applied thick enough to thoroughly cover the substrate to provide the best possible protection.

RECOMMENDED APPLICATION**TEMPERATURES AND HUMIDITY:**

50 - 90° F (10 - 32° C) 50 - 55% RH

DRYING TIMES: TACK FREE: 1 hr

@ 77° F RECOAT: 2 hrs

and 50 - 55% RH DRY HARD: 12 hrs

NOTE: See back under Precautionary Information.**EQUIPMENT RECOMMENDATIONS:**

BRUSH/ROLLER: Use a premium quality nylon or pure bristle brush and/or a quality roller cover. Use a minimum 3/8" nap roller cover on smooth surfaces and longer nap roller covers for textured and rough surfaces. To insure a uniform finish and avoid lap marks, maintain a wet edge and apply with a fully loaded brush and roller cover at all times. Do not brush or roll excessively.

AIRLESS SPRAY: With tip orifice size of .015 to .021.

THINNING: No thinning is recommended. If thinning is necessary, add no more than 2 fl. oz. of water per gal. Do not add solvents or oils to this product.

CLEAN-UP: Clean all tools and equipment immediately after use with clean, warm, soapy water. Rinse with clean water. Clean up all drips and/or spatters immediately with a clean rag soaked in warm, soapy water. Rinse with clean, warm water.

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(continued over)

PRODUCT ANALYSIS: 1845

PIGMENT: _____		23%
Titanium Dioxide	32.5%	
Mica	11%	
Silica & Silicates	35%	
Nepheline Syenite	21.5	

	100%	

VEHICLE: _____		77 %
Styrene Butadiene	48.5%	
Ethylene Glycol	2%	
Additives & Water	49.5%	

	100%	100%

VEHICLE TYPE: Styrene Butadiene Resin**SOLVENT TYPE:** Water**VOC GRMS/L:** 83 grams/liter .69 lbs./gal.**APPEARANCE:** Flat**GLOSS RANGE:** N/A**VISCOSITY:** 85 - 90 Ku's
(@ 77° F [25° C])**% SOLIDS BY WEIGHT:** 43.4% ± 1.5%**% SOLIDS BY VOLUME:** 33.3% ± 1.5%**WEIGHT/GAL:** 9.65 - 10.5 lbs./gal.**PACKAGING:** FIVE: X ONE: X QT:**SHELF LIFE:** N/A**TINTING:** No tinting is recommended.
If tinting is required, use PARKERPAINT'S Color Guild Colorants and add no more than 2 oz. per gallon. Adding more colorant can affect the perm rating of this product.**PRECAUTIONARY INFORMATION:
CLOSE CONTAINER AFTER EACH USE****KEEP OUT OF REACH OF CHILDREN****DO NOT TAKE INTERNALLY****COMBUSTIBLE****FLASH POINT:** N/A (Set-A-Flash)**D.O.T. (REQUIREMENTS):** N/A**STORE** in a clean dry place.**RECOMMENDED STORAGE TEMPERATURES**
should be between 40 - 100° F (5 - 38° C)**EXTINGUISHING MEDIA:** Water may be used to cool closed containers to prevent pressure buildup and explosion when exposed to extreme heat.**NOTE:** Dry times will vary depending upon substrate and air temperatures, air circulation or ventilation. Poor ventilation or no ventilation in a room being painted could result in insufficient drying and/or curing of a paint coating. "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 the hands or fingers. Scrubbing the paint coating or washing with a harsh cleaner before it is fully cured could result in the removal of the coating and/or marring the finish. For further information on interior paint application temperature and problems, refer to PARKER PAINT Information Sheet PPL 120.**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).**ENVIRONMENTAL CONSIDERATIONS**
Formulated without lead or mercury.**MATERIAL SAFETY DATA SHEET AVAILABLE ON REQUEST**

REVISED: 12/96 AE (Supersedes 8/94)

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