



HOUSECOAT II 100% EXTERIOR ACRYLIC LATEX 4400, 4490, 4492, 4493, 4496

Meets MPI Spec #15

Resin Type	Sheen	Quality Level	Spread Rate	Clean Up	Thinner	Dry at 77 °F	V.O.C. Level
low temperature 100% acrylic latex	eggshell	premium	400-450 sq. ft./gal.	water	water	30 min. tack free 3-4 hours recoat	< 100 g/L

Description

This premium quality exterior coating exhibits the latest in paint technology. It is uniquely suited for cool temperature applications that are typically found in the upper Midwest. By strictly following the label directions this material may be applied as low as 35°F.

Low Temperature Applications

This product has specific application requirements. • Do not apply this product if the temperature is below 35°F. • Allow air and surface temperature to be at least 35°F for 36 hours after application. • Allow extended drying time between coats. • At 35°F the recoat time is generally 24 hours Surface to be coated may actually be colder than the air temperature. • **Surface must be at least 35°F before you apply our coating** • Try to paint on the sunny side of the building. Avoid late afternoon applications • Cool, misty weather conditions may result in paint film failure. Do not apply unless temperatures are 35°F and at least 5°F above the dew point.

Surface Preparation

Proper surface preparation is the key to any long lasting paint job. The surface to be coated must be clean and dry. Remove all dirt, dust, grease, oil, mildew, rust, etc. On re-do jobs, scraping and sanding for removal of loose, peeling paint may be necessary. Dull all glossy surfaces by sanding. Caulk all open seams etc. Remove excess chalk by thoroughly washing the substrate. On many re-do applications the use of a power washer is recommended. Allow several days dry time on wood substrates after using a power washer.

Where to Use

Apply this coating on most types of wood siding, shakes, aluminum, steel and vinyl siding. This material may also be used on brick, masonry, and hardboard sidings. It is not intended for use on horizontal surfaces such as decks, roofs or floors.

Primer

This product is self priming on steel, vinyl, and aluminum siding. Prime wood siding with our Housecoat Acrylic Primer or Hirshfield's Exterior Oil Primer. Properly cured masonry surfaces also do not require a primer. Use a suitable rust inhibitive primer on rusted metal substrates. NOTE: Latex primers may not be used below 50°F.

New Wood - Use #4250 Acrylic Primer or #6050 Oil Primer.

Hardboard Siding - Use #4250 Acrylic Primer.

Old Wood - Prime on bare or porous surfaces with #4250 Acrylic Primer or #6050 Oil Primer.

Metal - Use #9250 Metal Primer.

Masonry Surfaces - Allow all new masonry to age between 60 to 90 days before painting. On old concrete surfaces, remove any efflorescence or chalk by washing with a suitable cleaner. Use #9210 Block Seal or #1450 Block Filler as a primer.

Dry Time/Recoat - As the application temperature drops, drying time and recoat times will be extended. At 35°F, allow 24 hours before applying a second coat.

EXTRACTIVE BLEEDING: Certain species of wood siding such as cedar and redwood may require 2 coats of primer. For extreme cases these extractive oils may still discolor the paint film.



This product is certified by Coatings Research Group, Incorporated to meet environmentally determined performance standards established by CRGI's ISO-accredited facility for specific product types and to meet or exceed the VOC requirements of LEED® for most paint and coatings applications. This product is environmentally preferred over traditional paints and coatings. To view product standards visit: www.greenwisepaint.com

Housecoat II meets or exceeds the standards set in place by the USGBC (United States Green Building Council) LEED-NC Version 2.2. All results have been demonstrated by Hirshfield's independent coating laboratory. Hirshfield's Paint Manufacturing is a member of the USGBC, participating as a Product Manufacturer.

Application

Stir thoroughly before and during application. This product may be brushed, rolled or sprayed. For brush work, use a nylon or polyester brush. This product can be applied in temperatures between 35°F and 80°F. Avoid painting in hot direct sunlight or over a hot surface. Air and surface temperatures must be above 35°F and at least 5°F above the dew point. Do not use when air or surface temperatures are expected to drop below 35°F within 48 hours after application. Do not use when rain or snow is expected within 8 hours of application.

Do not paint late in the day when dew or condensation are likely to form. Do not apply in rainy weather.

Recommended Wet Film Per Coat: 4 mils.
Recommended Dry Film Per Coat: 1.4 mils.

Available Colors

#4400 White, Tintable to over 2,000 colors with bases.

Caution

Keep from freezing.
See other cautions on back.

Packaging Options

- Five gallon pails
- Gallons and Quarts

Physical Data

(figures shown are approximate)

Solids by Weight	49.5%
Solids by Volume	36%
Weight per Gallon	10.62
Viscosity	95-98 KU
Flashpoint	Over 200 °F
Hegman Grind (ASTM D1210)	6
Gloss @ 60°	7-10
Flow & Leveling (ASTM D4062)	9
Sag Rating (ASTM D4400)	8
Color Retention	Excellent

Limitations

For #4400 series

Not recommended for use on the following:

- floors or other horizontal surfaces
- areas of corrosive chemical environments
- rusted substrates without adequate surface preparation and must be primed to minimize rust staining through the topcoat.
- on certain factory finished metal buildings

Excessive color tinting may cause unsatisfactory drying. Since these are water base coatings, dry time will be affected by temperature and humidity.

Not recommended for immersion service or use on damp or wet surfaces, high heat, or humid conditions.

Health And Environment

This material contains no lead, mercury or crystalline silica. Material Safety Data Sheets are available upon request. When spraying, use suitable

Precautionary Information

In all cases, please read respirator manufacturer's instructions and literature carefully to determine the type of airborne contaminants against which the respirator is effective, and how it should be properly fitted.

Some of the components of various coatings may be irritating to the skin and/or eyes, so contact should be prevented. In case of contact, flush skin thoroughly with soap and water. For eyes, flush with plenty of water for at least 15 minutes and get medical attention immediately.

During the application of all coating materials, all flames, welding and smoking must be prohibited.

Before using the products listed herein, carefully read each product label and follow directions for its use. Please read and observe all the warnings and precautionary information on the product labels.

CAUTION! DO NOT TAKE INTERNALLY! CLOSE CONTAINER AFTER EACH USE! KEEP OUT OF THE REACH OF CHILDREN!

Avoid prolonged breathing of vapor and spray mist. Coatings should only be applied when ventilation is adequate. When available ventilation may not be adequate, applicators should wear respiratory protection, choosing the proper respirator with aid of the following:

Outdoor or open areas: Use filter type respirators (approved with NIOSH/MSHA) to remove solid airborne particulates from overspray.

Restricted ventilation areas: Use combination organic vapor-filter type respirators (approved with NIOSH/MSHA) which are designed to purify the air by removing solid airborne particulates and organic vapors.

Confined areas: Use supplied air respirators or hoods (approved with NIOSH/MSHA)

IMPORTANT! When applying coatings by spray equipment, observe all precautionary safety measures. Spray equipment must be handled with due care and in strict accordance with manufacturer's recommendations for personal safety, and to prevent fire. If precautions are not taken, spraying of any material can be hazardous, particularly when using high pressure airless equipment. High pressure may inject coating into the skin causing serious injury, requiring immediate poison center contact and/or hospital treatment. When using or handling spray equipment hoses and the like, observe all required safety practices. In addition, when spraying paint or coatings, wear a respirator recommended for the product being handled. In all cases, wear protective eye equipment.

First Aid Statement

If swallowed, do induce vomiting. In case of skin contact, wash affected area with mild soap and water. In case of eye contact, flush eyes immediately with plenty of water for 15 minutes. If affected by inhalation of vapor or spray mist, remove to fresh air. Apply artificial respiration and other supportive measures as required. If any of the following occur during or following use of this product, contact a **POISON CONTROL CENTER, EMERGENCY ROOM OR PHYSICIAN IMMEDIATELY** (have label information available):

- Ingestion
- Excessive exposure to a corrosive material
- Persistent skin/eye irritation or breathing difficulties
- Other symptoms

7/10/09

The facts and figures represented in the specification manual are accurate to the best of our knowledge, and are the results of testing in our laboratory. We do not express, warrant or guarantee the accuracy, completeness, or reliability of same. Since Hirshfield's paint Mfg. is constantly improving its products, future technical data may vary somewhat from what was available when this bulletin was printed.

Corporate Office/Retail/Support Center
725 Second Ave. N., Mpls., MN 55405
612-377-3910 • www.hirshfields.com • e-mail: info@hirshfields.com



Hirshfield's Paint Mfg., Inc.

4450 Lyndale Ave. No. Mpls., MN 55412 / (612) 522 6621