

Home-Guard Housewrap

Product Description: General

Home-Guard Housewrap, manufactured by Home-Guard Corporation, is a woven polypropylene fabric that has monolithic polymer coating on one side. The fabric is white in color and has microperforations for breathability. It is used as a weather- or water-resistant barrier on the exterior side of the exterior walls of buildings.

Home-Guard Housewrap is nominally 0.0055 inch thick and weighs 2.7 ounces per square yard. The porosity level of the housewrap is 24 sec/mL.

Home-Guard Housewrap is sold in rolls that are 150 inches wide and 5000 feet long.

Home-Guard Housewrap: Specifications

PARAMETER	SPECIFICATION
Dry tensile strength	78 lb/in. width
Dry breaking force	110 lbf
Water resistance	$\frac{1}{8}$ hr., Grade D paper
Water vapor transmission	58.45 g/24 hr•m ²
Pliability	No cracking when bent over a $\frac{1}{16}$ -inch-diameter mandrel at 32°F

Installation Procedures

Home-Guard Housewrap should be installed after the building's wall framing is completed but before the windows and doors are installed. Home-Guard should be installed on the outside of the insulation cavity, preferably over an approved exterior sheathing board or insulation, and with the printed side facing the outside.

Home-Guard Housewrap can be fastened with either large-head nails with sufficient length to penetrate the stud framing, or wide crown, 1-inch-long staples, or 1-inch-diameter plastic washer head nails. For installation over a foam plastic insulation board, the housewrap should be fastened with $\frac{1}{2}$ -inch-diameter-head nails with sufficient length to penetrate the framing member without crushing the foam board.

Fasteners should be spaced every 8 inches at the perimeter of the wall and around the door and window openings, and should be spaced 15 to 20 inches along vertical framing members. Material higher on the wall should overlap material lower on the wall. Horizontal overlaps should be at least 8 inches, and vertical overlaps at least 5 inches.

Installation of Home-Guard Housewrap should start at an outside corner of the building. Making sure that the roll remains vertical and plumb, the material is unrolled across the face of the sheathing. The housewrap extends over the foundation a minimum of 2 inches, and over the roll's starting point a minimum of 12 inches.

When installation is around window or door openings, an X-cut must be used, from corner to corner, and the flaps of excess material folded in and fastened securely to a framing member. An approved sheathing tape may also be used to secure Home-Guard Housewrap to window flanges, door jambs, and sill plate foundations.

When use is over wood-based sheathing in exterior plaster applications, two layers of the product must be used over the sheathing.

To avoid excessive UV exposure, Home-Guard Housewrap must be covered with cladding and the wall cavity closed within 30 days of installation.

Home-Guard Housewrap

Home-Guard Protects Your Home

HOME- GUARD

for

professionals:

- **Contractors**
- **Architects**
- **Builders**
- **Dealers**



Home-Guard Housewrap is a cross-woven polyolefin housewrap sheet, with millions of micro-pores that allow the sheet to breathe while it protects your house from water and weather.

Home-Guard is the strongest weather barrier on the market.

Home-Guard:

- Grab Strength: 110 lb
- Air Permeability: 30 s / 100 ml
- Tear Strength: 78 lb
- No water ponding after UV exposure and aging
- Tensile Strength: 78 lb.

Listings:

- CCMC Evaluation Report 98267-R
- CGSB Certification 91236
- CLABD Approval 24-06-12

Available in rolls measuring 12¹/₂ feet wide by 5000 feet long.

**WRAP YOUR HOUSE IN HOME-
GUARD, AND REST EASY!**

Description

August 20, 2010