

Denny Energy-Wrap Technical Information (Typical Values)

Tensile Strength:	65 lbs./inch MD
ASTM D-828:	35 lbs./inch CD
Permeability:	9.5 perms
Air Porosity:	53.4 seconds/100cc
Flame Spread:	Class A approved
UV Exposure:(SBCCI)	Up to 10 months
Water Resistance: (ASTM D-779)	Passes 24 hr. test

Standard Widths Available

9' x 100' 9' x 150' 9' x 195'

Building Code Listings

See BOCA, ICBO, SBCCI
Meets Fed Spec. UU-B-790a

	Wall Without Housewrap*	Wall With Housewrap*
Static R-Value	13.9	13.9
Effective R-Value**	7.9	10.2
% Improvement***	0	+29.6

- * Walls were identical except for housewrap. Walls were constructed using vinyl siding, 1/2" Intermediate fiberboard, R-13 fiberglass insulation and 1/2" gypsum.
- ** Simulated wind velocity of 10mph with vinyl siding.
- *** Increase in Effective R-Value due to Housewrap.

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denny

ENERGY-WRAP®



The
 Energy
 Saving
 Housewrap

denny

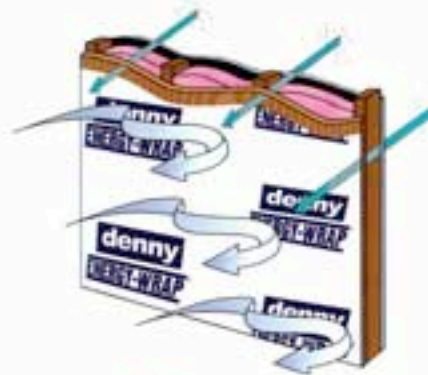
ENERGY-WRAP[®]

- ▶ Durable
- ▶ Energy Saving
- ▶ UV Resistant
- ▶ Strong
- ▶ Easy to Apply
- ▶ Cost Effective

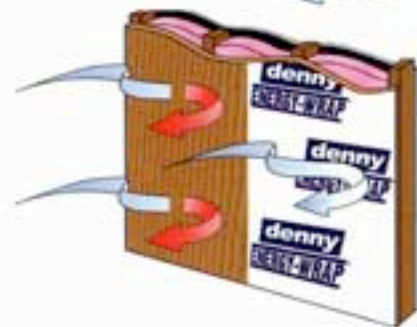


Denny Energy-Wrap is one of the most effective ways you can reduce energy costs for your home. Denny Energy-Wrap is a durable woven Polyolefin designed to help reduce air infiltration. When installed on

the outside of your home over sheathing, it further reduces the loss of energy due to wind and pressure differential. This protective barrier not only resists air, but acts as a weather resistive membrane, helping to provide your home's walls with a secondary line of defense against wind driven rain.



Denny Energy-Wrap's multi-functional design and goal is to enhance and maximize



the insulation's performance within the interior walls of your home by reducing drafts and making your home more comfortable. Denny Energy-Wrap helps keep unwanted air out. It's also microperforated which allows potentially harmful moisture vapor to pass through it. All of these qualities help maintain the R-Values of your home and improves your home's energy efficiency.

Denny Energy-Wrap is protected from UV rays for up to 10 months. Its cross-woven design provides superior strength and makes it less likely to tear off during windy conditions. Denny Energy-Wrap is even strong enough to be stretched around corners. It's also translucent enough that you can see where you are nailing, making installation quicker, saving you time and money. Denny Energy-Wrap is cost effective and comes in various standard widths to cover all types of applications. Denny Energy-Wrap offers savings to the builder, while adding comfort and energy conservation for the homeowner. It is user and consumer friendly.



Installation Guide



Step 1: Start 2-3 feet from a corner. Wrap around corner and continue nailing or stapling as you move around the house. Use fasteners that are long enough to penetrate into the stud or nail base material.



Step 2: Use enough fasteners to hold the wrap firmly in place by fastening it every 12"-18" along the vertical studs using large-headed or plastic cap nails or minimum 1" crown staples. You may install it over wood-based, foam-insulative, or fiberboard sheathing, and exterior gypsum board.



Step 3: Make an inverted "Y" cut in the wrap at window rough opening.



Step 4: Fold the three flaps through the opening, fastening them inside with staples set about every 6".



Step 5: Install the bottom flashing (felt paper splines) over the wrap.

NOTE: Denny Wholesale recommends the use of a flashing material, such as OptiFlash premium butyl rubber flashing, that meets or exceeds Federal Spec. UU-B-790a, Grade A and is a minimum 4" in width.



Step 6: Install the window. Flashing details around window: **A.** Install side flashing over side window flanges. **B.** Install head flashing over the top window flange and extend it out 3-4" over the side flashings. **C.** Bottom window flange should be over flashing, installed in Step 5.

NOTE: Windows must be installed in accordance with each manufacturer's recommended guidelines and installation procedures.

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