

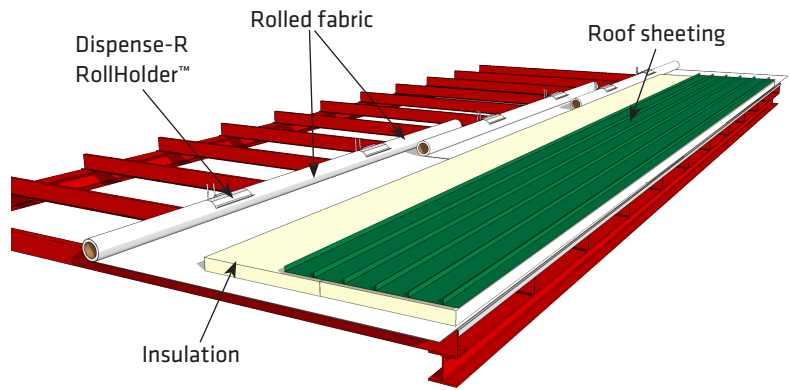
Dispense-R™

Insulation System

Easy way to Dispense R-values!

A superior method of installing low R-values with a durable vapor retarder fabric for metal buildings. Installation is fast and the wide fabric pieces reduce seams that contribute to air leakage, for a tight building envelope.

Dispense-R Plus System with leading edge fall prevention is also available which features wider fabric laps that are required for fall prevention safety.



Interior view of the Dispense-R System

Eliminates Stapled or Taped Tabs and Saves On-site Labor

Dispense-R™ Features:

1. Installs Quickly

Installs from the finished roof within easy reach of roofers, increasing safety and productivity

2. Clean Appearance

Smooth vapor retarder appearance with washable surface keeps interior bright and clean

3. Durable Fabric

Strong durable vapor retarder material with higher resistance to damage and abuse

4. Performance

Tight fitting insulation joints eliminates laminate joint gaps common with faced insulation

Standard Fabric Widths:

10'-3"	12'-9"	20'-5"	25'-5"
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Dispense-R fabric made to length and rolled onto a fiberboard core. Fabric layout provided with each project. Custom widths also available.

Dispense-R RollHolder™



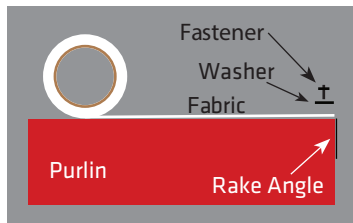
Optional Dispense-R RollHolder™ machines are available for installation use. All RollHolder and RollHolder Plus machines must be leased directly from Thermal Design to the installing customer for all Dispense-R Systems.

Dispense-R™ Installation Overview:

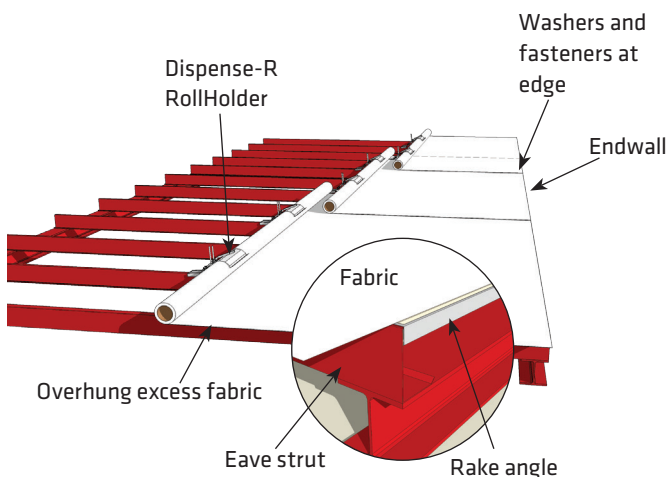
Review complete instructions before installing

Step One: Cores containing the fabric are placed spanning several roof purlins at the beginning endwall. Alternate or step the rolls of fabric front and back.

Step Two: Square and fasten the fabric to the building by fastening fabric to the rake angle along the endwall with Syseal® Sticky Tape, self-drilling screws and fender washers.

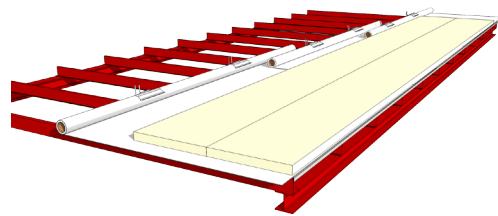


Step Three: Unroll the fabric four to six feet at a time to allow sufficient space to accommodate the width of the insulation being installed. Fasten fabric edges with self-drilling screws with fender washers or Sticky Tape per instructions.



Dispense-R Roof and Wall

Step Four: Standard application relies on lapped vapor retarder edges sealed by pressure of the insulation compressed over the purlins. Optional step is to seal the fabric edge with spray or liquid sealants or Sticky Tape.*



Step Five: Roll out the unfaced insulation in the eave to ridge direction on the roof panels and slide into position. Do not lap insulation. Apply the roof panel in a sequential manner.

** Fasteners, fender washers, spray/liquid sealants, or Sticky Tape not included in base system price. These options may be provided by contractor or ordered separately from Thermal Design and its licensed distributors.*

Fabric:

Standard colors: white and gray. Others are special order.

Water Vapor Transmission Rating: ≤ 0.02 grains/hr²

Minimum Workability Temperature: – 60° F

Fire Classification: Class A (ASTM E-84), Flame Speed ≤ 25

Manufactured Seams: Triple Extrusion Welded

Insulation & Performance:

Thermal performance is dependent on the average installed thickness and is similar to traditional faced metal building insulation methods. Refer to metal building U-Factor equations published in ASHRAE Standard 90.1-2013 for more information. Thermal Design, Inc. recommends up to 6 inch thick fiberglass on the system. If someone uses more than six inches Thermal Design is not responsible for how it works, how it looks and how it performs.

For high installed R-values and OSHA Compliant Fall Protection, ask for Thermal Design's Simple Saver System®

Contact Us Today

Dispense-R™ System is available exclusively through Thermal Design and its licensed distributors.

 **Thermal Design**
800.255.0776 | thermaldesign.com