



# Pacific Insulation Products

"Tomorrow's Needs, Today's Products, Service Now"

## R-SEAL WALL INSTALLATION INSTRUCTIONS



### GENERAL

#### INTRODUCTION

Pacific Insulation Products Proprietary rigid polyurethane insulation (R-Seal) is specifically designed and produced for metal buildings and metal building erectors. R-Seal provides the most economical and lowest cost method for meeting continuous insulation, air barrier, and higher installed R-Value requirements in metal buildings.

With custom lengths, integral tape tabs, and individual project detailing, R-Seal installs faster than traditional blanket insulation with higher installed R-Values than Banded Liner Systems can achieve alone.

In addition to the install benefits of R-Seal it also provides a finished appearance in the interior of the building.

#### SAFETY CONSIDERATIONS

The installation contractor must have a site specific safety plan and other locally required material approved by OSHA and other required authorities.

**Caution:** Cutting R-Seal can create excessive dust. Appropriate dust masks should be worn to avoid irritation.

Use needed personal protective equipment: Safety glasses, cut proof gloves, long sleeves, and dust masks.

#### BEFORE YOU START INSTALLING

- Inventory all bundles when they arrive at the site using the quantity markings on the end of the bundle to ensure all material is correct and onsite.
- All panels are custom. Review the drawings to ensure R-Seal panel is laid out in the proper location for install. NOTE: IF YOU ARE CUTTING PANEL TO CHANGE LENGTH SOMETHING IS WRONG. Call your sales representative or PIP before changing length of the panel (cuts are normally only required at windows, doors, and the angle cut at the top side of the end wall).
- Prepare your metal wall panels before install of R-Seal. R-Seal should be covered by the exterior metal panel soon after it is put on.
- Assemble the appropriate tools.



# Pacific Insulation Products

"Tomorrow's Needs, Today's Products, Service Now"

## MATERIALS LIST

- R-Seal panel bundles
- R-Seal double faced tape
- Fasteners (optional – in conditions req.)
- Patch tape
- Support Material (Angle, base U, etc.)

## EQUIPMENT AND TOOLS REQUIRED

In general you will need the same tools as would be required to install your metal siding panels.

- Skill Saw/Reciprocating saw
- Scissor Lift
- Level
- Screw gun

## PRE-INSTALL

1. Ensure base track is installed on the concrete outside of framing line.



## INSTALLATION

1. Find appropriate bundles of panel and lay them out in close proximity to the wall you are going to start sheeting. (This should be done at the same time your other crew member is prepping and predrilling your metal wall panel for the day)

|   |   |   |           |
|---|---|---|-----------|
|  |   | <b>PACIFIC INSULATION PRODUCTS</b><br><small>[ PO BOX 12604 EVERETT, WA 98206   PHONE 877-300-3794   FAX 425-905-7272 ]</small> |           |
| <b>CUSTOMER:</b>  | John Doe<br>555 Ceder Parkway<br>Monroe, WA 98272               | <b>SURFACE BURN CHARACTERISTICS</b><br>ASTM E84:<br>Less Than 20/100<br>NFPA 286 Approved                                       |           |
| <b>PROJECT:</b>   | John Doe Shop Building<br>555 Ceder Parkway<br>Monroe, WA 98272 |   |           |
| <b>PRODUCT:</b><br>R-Seal: R30 Double Seal Tabs                                     |   |   |           |
| <b>PRODUCT DETAILS:</b><br>10 Panel@ 20' X 40" X 4"                                 |   |   | <b>10</b> |

2. Install "Blue Tape" on the seven foot girt. This tape is only a temporary method for attachment until the final metal sheeting goes over the product. NOTE: different field conditions may require additional attachment (i.e. – windy, etc.). Field verification of these conditions will be required. Please contact your representation for additional fastening methods, however, in most cases these will not be needed.



3. Stand panel on the wall. In most cases one person can stand the panel on walls under 25' eave height. The best method for standing the panel is to put the bottom of the panel up against the base track and walk the panel up as seen below.



# Pacific Insulation Products

"Tomorrow's Needs, Today's Products, Service Now"



the last panel by holding the panel at a slight angle so the bottom is locking in first and the top of the panel is 6"-12" away from the eave strut at the top of the wall (this prevents it from sticking to the tape before it is locked properly).



4. Once the first panel is set in the base track it needs to be leveled (this can be done with any method used to keep the metal panels on module – Laser level, carpenter's hand level, etc.) Periodic checks need to be made as the panel is installed to ensure that it is staying level as it is going on down the wall.



6. Once the bottom of the panel is locked in tight, push on the leading edge of the panel to make sure the top is locked in tight at the same time as you are pushing the panel into the wall to stick it to the girt with tape on it.

5. Once the first panel is leveled install subsequent panels by setting them in the base track 6" ahead of the leading edge panel then slide them back to lock them into





# Pacific Insulation Products

"Tomorrow's Needs, Today's Products, Service Now"

---

7. Continue this process until the other person pre-drilling the wall panels for the day is finished. (Because the product installs quickly it is likely that several bays of material will be installed prior to the other crew member having the metal wall panel prepped for install).
8. To minimize labor during the initial install of the panel it is recommended that the tape tab be applied as the metal wall panels are going on the building (not during the initial install of the wall panel), which will allow the person working the top of the metal wall panel to pull the tab at the top.



period. This will in turn affect the integrity of the vapor barrier.

- Each jobsite and its conditions will be different. These instructions are meant to give a basic idea of how the product installs and are not meant to cover every scenario a contractor will encounter on a job. Best practices should be followed for every site based on independent job planning and evaluation of all factors involved in the job.

## **IMPORTANT NOTES:**

- Interior and exterior tabs should be taped tightly the same day they are installed. Dust and other materials from the jobsite can affect how well the tape sticks if it is allowed to be open to the weather for too long of a