



## POLY RITE

**POLY R.I.T.E** is an expanded polystyrene cored high density laminated insulation board. Clear or metallic foil polypropylene film can be used to laminate it. The strength of **POLY R.I.T.E** provides a high standard of protection while also improving the insulation of your residential or commercial project. **POLY R.I.T.E** is available in densities from 25psi to 60 psi. It comes in standard 4' x 8' and 2' x 8' sheets with thicknesses ranging from 3/8" to 2". **POLY R.I.T.E** fulfills and surpasses ASTM C578 criteria, making it an HFC-free, recyclable rigid insulation



### Advantages

- ◆ Superior compressive strength .
- ◆ Long term, stable R-Value .
- ◆ Energy efficient
- ◆ Water resistant : closed cell foam will not readily absorb moisture from the environment
- ◆ Mold, mildew, and insect resistant : An inert EPA approved insect repelling additive can be added during the manufacturing process to deter termites . EPS Insulation does not support mold or mildew growth .
- ◆ Code Approvals : EPS insulation is recognized by the International Code Council Evaluation Service (ICC -ES) and is manufactured from UL and FM approved raw materials .
- ◆ Environmentally Friendly : Contains no CFC, HCFC, HFC or Formaldehyde and is 100 % recyclable .
- ◆ Proven performance record : EPS products have been manufactured since the mid-1950 's using the same fundamental chemistry qualifies for LEED Credits .

### Sizes

- ◆ POLY R.I.T.E is available in densities from 25 psi to 60 psi.
- ◆ It comes in standard 4x8' and 2x8' sheets with thicknesses
- ◆ ranging from 3/8" to 2"

### Application

**POLY R.I.T.E** has been utilized effectively in a variety of commercial, industrial, and residential applications. Among the numerous applications are the following:

- Interior and Exterior Insulation
- Single Ply Roof Application
- Continuous Below Grade Insulation
- Perimeter Insulation
- Retaining Walls
- Waterproofing and Protection Board
- Drainage Boards
- Freezer and Cold Storage

### POLY R.I.T.E

| PRODUCT                                  |        | POLY 25 | POLY 40 | POLY 60 |
|--|--------|---------|---------|---------|
| ASTM C578 Classification                 |        | I-X     | XIV     | XV      |
| Density min.                             | lb/ft3 | 2.0     | 2.5     | 3.0     |
| R-Value                                  | 25 ° F | 5.0     | 5.0     | 5.1     |
|  | 40 ° F | 4.8     | 4.8     | 4.9     |
|  | 75 ° F | 4.4     | 4.4     | 4.5     |
| Compressive Resistance @ 10% Deformation |        | 25 psi  | 40 psi  | 60 psi  |
| Flexural Strength                        |        | 50 psi  | 60 psi  | 75 psi  |
| Water absorption Volume %                |        | 3.5     | 2.5     | 2.5     |
| Flame spread                             |        | <25     | <25     | <25     |



"The future of expanded polystyrene"

🌐 [www.polymoldingllc.com](http://www.polymoldingllc.com)

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