Product Breakdown, for now.

-Branded “ThermalStar”

- Roof

-Insulated Board – Roof (IBR)

-

|  |  |
| --- | --- |
| EPIBR0.50-10\_01 | 0.5X48X96 IB\_ROOF\_10\_R2 |
| EPIBR0.50-13\_01 | 0.5X48X96 IB\_ROOF\_13\_R2 |
| EPIBR0.50-15\_01 | 0.5X48X96 IB\_ROOF\_15\_R2.1 |
| EPIBR0.50-25\_01 | 0.5X48X96 IB\_ROOF\_25\_R2.2 |
| EPIBR0.50-40\_01 | 0.5X48X96 IB\_ROOF\_40\_R2.2 |
| EPIBR0.50-60\_01 | 0.5X48X96 IB\_ROOF\_60\_R2.3 |
| EPIBR0.75-10\_01 | 0.75X48X96 IB\_ROOF\_10\_R2.9 |
| EPIBR0.75-13\_01 | 0.75X48X96 IB\_ROOF\_13\_R2.9 |
| EPIBR0.75-15\_01 | 0.75X48X96 IB\_ROOF\_15\_R3.2 |
| EPIBR0.75-25\_01 | 0.75X48X96 IB\_ROOF\_25\_R3.3 |
| EPIBR0.75-40\_01 | 0.75X48X96 IB\_ROOF\_40\_R3.3 |
| EPIBR0.75-60\_01 | 0.75X48X96 IB\_ROOF\_60\_R3.4 |
| EPIBR1.00-10\_01 | 1X48X96 IB\_ROOF\_10\_R3.9 |
| EPIBR1.00-13\_01 | 1X48X96 IB\_ROOF\_13\_R3.9 |
| EPIBR1.00-15\_01 | 1X48X96 IB\_ROOF\_15\_R4.2 |
| EPIBR1.00-25\_01 | 1X48X96 IB\_ROOF\_25\_R4.4 |
| EPIBR1.00-40\_01 | 1X48X96 IB\_ROOF\_40\_R4.4 |
| EPIBR1.00-60\_01 | 1X48X96 IB\_ROOF\_60\_R4.5 |
| EPIBR1.19-10\_01 | 1.188X48X96 IB\_ROOF\_10\_R4.6 |
| EPIBR1.19-13\_01 | 1.188X48X96 IB\_ROOF\_13\_R4.6 |
| EPIBR1.19-15\_01 | 1.188X48X96 IB\_ROOF\_15\_R5 |
| EPIBR1.19-25\_01 | 1.188X48X96 IB\_ROOF\_25\_R5.2 |
| EPIBR1.19-40\_01 | 1.188X48X96 IB\_ROOF\_40\_R5.2 |
| EPIBR1.19-60\_01 | 1.188X48X96 IB\_ROOF\_60\_R5.3 |
| EPIBR1.50-10\_01 | 1.5X48X96 IB\_ROOF\_10\_R5.9 |
| EPIBR1.50-13\_01 | 1.5X48X96 IB\_ROOF\_13\_R5.9 |
| EPIBR1.50-15\_01 | 1.5X48X96 IB\_ROOF\_15\_R6.3 |
| EPIBR1.50-25\_01 | 1.5X48X96 IB\_ROOF\_25\_R6.6 |
| EPIBR1.50-40\_01 | 1.5X48X96 IB\_ROOF\_40\_R6.6 |
| EPIBR1.50-60\_01 | 1.5X48X96 IB\_ROOF\_60\_R6.8 |
| EPIBR2.00-10\_01 | 2X48X96 IB\_ROOF\_10\_R7.8 |
| EPIBR2.00-13\_01 | 2X48X96 IB\_ROOF\_13\_R7.8 |
| EPIBR2.00-15\_01 | 2X48X96 IB\_ROOF\_15\_R8.4 |
| EPIBR2.00-25\_01 | 2X48X96 IB\_ROOF\_25\_R8.8 |
| EPIBR2.00-40\_01 | 2X48X96 IB\_ROOF\_40\_R8.8 |
| EPIBR2.00-60\_01 | 2X48X96 IB\_ROOF\_60\_R9 |
| EPIBR2.20-10\_01 | 2.2X48X96 IB\_ROOF\_10\_ R8.6 |
| EPIBR2.20-13\_01 | 2.2X48X96 IB\_ROOF\_13\_ R8.6 |
| EPIBR2.20-15\_01 | 2.2X48X96 IB\_ROOF\_15\_ R9.2 |
| EPIBR2.20-25\_01 | 2.2X48X96 IB\_ROOF\_25\_ R10 |
| EPIBR2.20-40\_01 | 2.2X48X96 IB\_ROOF\_40\_ R10 |
| EPIBR2.20-60\_01 | 2.2X48X96 IB\_ROOF\_60\_ R10 |
| EPIBR2.38-10\_01 | 2.375X48X96 IB\_ROOF\_10\_R9.3 |
| EPIBR2.38-13\_01 | 2.375X48X96 IB\_ROOF\_13\_R9.3 |
| EPIBR2.38-15\_01 | 2.375X48X96 IB\_ROOF\_15\_R10 |
| EPIBR2.38-25\_01 | 2.375X48X96 IB\_ROOF\_25\_R10.5 |
| EPIBR2.38-40\_01 | 2.375X48X96 IB\_ROOF\_40\_R10.5 |
| EPIBR2.38-60\_01 | 2.375X48X96 IB\_ROOF\_60\_R10.7 |
| EPIBR2.50-10\_01 | 2.5X48X96 IB\_ROOF\_10\_R10 |
| EPIBR2.50-13\_01 | 2.5X48X96 IB\_ROOF\_13\_R10 |
| EPIBR2.50-15\_01 | 2.5X48X96 IB\_ROOF\_15\_R10.5 |
| EPIBR2.50-25\_01 | 2.5X48X96 IB\_ROOF\_25\_R11 |
| EPIBR2.50-40\_01 | 2.5X48X96 IB\_ROOF\_40\_R11 |
| EPIBR2.50-60\_01 | 2.5X48X96 IB\_ROOF\_60\_R11.3 |
| EPIBR3.00-10\_01 | 3X48X96 IB\_ROOF\_10\_R11.7 |
| EPIBR3.00-13\_01 | 3X48X96 IB\_ROOF\_13\_R11.7 |
| EPIBR3.00-15\_01 | 3X48X96 IB\_ROOF\_15\_R12.6 |
| EPIBR3.00-25\_01 | 3X48X96 IB\_ROOF\_25\_R13.2 |
| EPIBR3.00-40\_01 | 3X48X96 IB\_ROOF\_40\_R13.2 |
| EPIBR3.00-60\_01 | 3X48X96 IB\_ROOF\_60\_R13.5 |
| EPIBR4.00-10\_01 | 4X48X96 IB\_ROOF\_10\_R15.6 |
| EPIBR4.00-13\_01 | 4X48X96 IB\_ROOF\_13\_R15.6 |
| EPIBR4.00-15\_01 | 4X48X96 IB\_ROOF\_15\_R16.8 |
| EPIBR4.00-25\_01 | 4X48X96 IB\_ROOF\_25\_R17.6 |
| EPIBR4.00-40\_01 | 4X48X96 IB\_ROOF\_40\_R17.6 |
| EPIBR4.00-60\_01 | 4X48X96 IB\_ROOF\_60\_R18 |

-Laminated Roof Insulation (LRI)

- Fan Fold (LRIFF)

|  |  |
| --- | --- |
| EPLRIFF0.38-10\_01 | 0.375 x 48 x 600 L LRI/CLR R1.6 10 |
| EPLRIFF0.38-13\_01 | 0.375X48X600 L LRI/CLR R1.5 13 |
| EPLRIFF0.38-15\_01 | 0.375X48X600 L LRI/CLR R1.6 15 |
| EPLRIFF0.50-10\_01 | 0.5 x 48 x 600 L LRI/CLR R2.1 10PSI |
| EPLRIFF0.50-13\_01 | 0.5X48X600 L LRI/CLR R2 13 |
| EPLRIFF0.50-15\_01 | 0.5X48X600 L LRI/CLR R2.1 15 |

-Flute Fill

-Straight (LRIFFST) not in standard sizes.

-Tapered (LRIFFTP) not in standard sizes.

- Tapered Roof System (EPCONFIG-TAPER) not in standard sizes.

- Wall

-Insulated Board – Wall (IBW)

|  |  |
| --- | --- |
| EPIBW0.50-10N\_01 | 0.5X48X96 IB\_WALLNFP\_10\_R2 |
| EPIBW0.50-13N\_01 | 0.5X48X96 IB\_WALLNFP\_13\_R2 |
| EPIBW0.50-15N\_01 | 0.5X48X96 IB\_WALLNFP\_15\_R2.1 |
| EPIBW0.50-25N\_01 | 0.5X48X96 IB\_WALLNFP\_25\_R2.2 |
| EPIBW0.75-10N\_01 | 0.75X48X96 IB\_WALLNFP\_10\_R2.9 |
| EPIBW0.75-13N\_01 | 0.75X48X96 IB\_WALLNFP\_13\_R2.9 |
| EPIBW0.75-15N\_01 | 0.75X48X96 IB\_WALLNFP\_15\_R3.2 |
| EPIBW0.75-25N\_01 | 0.75X48X96 IB\_WALLNFP\_25\_R3.3 |
| EPIBW1.00-10N\_01 | 1X48X96 IB\_WALLNFP\_10\_R3.9 |
| EPIBW1.00-13N\_01 | 1X48X96 IB\_WALLNFP\_13\_R3.9 |
| EPIBW1.00-15N\_01 | 1X48X96 IB\_WALLNFP\_15\_R4.2 |
| EPIBW1.00-25N\_01 | 1X48X96 IB\_WALLNFP\_25\_R4.4 |
| EPIBW1.19-10N\_01 | 1.188X48X96 IB\_WALLNFP\_10\_R4.6 |
| EPIBW1.19-13N\_01 | 1.188X48X96 IB\_WALLNFP\_13\_R4.6 |
| EPIBW1.19-15N\_01 | 1.188X48X96 IB\_WALLNFP\_15\_R5 |
| EPIBW1.19-25N\_01 | 1.188X48X96 IB\_WALLNFP\_25\_R5.2 |
| EPIBW1.50-10N\_01 | 1.5X48X96 IB\_WALLNFP\_10\_R5.9 |
| EPIBW1.50-13N\_01 | 1.5X48X96 IB\_WALLNFP\_13\_R5.9 |
| EPIBW1.50-15N\_01 | 1.5X48X96 IB\_WALLNFP\_15\_R6.3 |
| EPIBW1.50-25N\_01 | 1.5X48X96 IB\_WALLNFP\_25\_R6.6 |
| EPIBW2.00-10N\_01 | 2X48X96 IB\_WALLNFP\_10\_R7.8 |
| EPIBW2.00-13N\_01 | 2X48X96 IB\_WALLNFP\_13\_R7.8 |
| EPIBW2.00-15N\_01 | 2X48X96 IB\_WALLNFP\_15\_R8.4 |
| EPIBW2.00-25N\_01 | 2X48X96 IB\_WALLNFP\_25\_R8.8 |
| EPIBW2.20-10N\_01 | 2.2X48X96 IB\_WALLNFP\_10\_ R8.6 |
| EPIBW2.20-13N\_01 | 2.2X48X96 IB\_WALLNFP\_13\_ R8.6 |
| EPIBW2.20-15N\_01 | 2.2X48X96 IB\_WALLNFP\_15\_ R9.2 |
| EPIBW2.20-25N\_01 | 2.2X48X96 IB\_WALLNFP\_25\_ R10 |
| EPIBW2.38-10N\_01 | 2.375X48X96 IB\_WALLNFP\_10\_R9.3 |
| EPIBW2.38-13N\_01 | 2.375X48X96 IB\_WALLNFP\_13\_R9.3 |
| EPIBW2.38-15N\_01 | 2.375X48X96 IB\_WALLNFP\_15\_R10 |
| EPIBW2.38-25N\_01 | 2.38X48X96 IB\_WALLNFP\_25\_R10.5 |
| EPIBW2.50-10N\_01 | 2.5X48X96 IB\_WALLNFP\_10\_R10 |
| EPIBW2.50-13N\_01 | 2.5X48X96 IB\_WALLNFP\_13\_R10 |
| EPIBW2.50-15N\_01 | 2.5X48X96 IB\_WALLNFP\_15\_R10.5 |
| EPIBW2.50-25N\_01 | 2.5X48X96 IB\_WALLNFP\_25\_R11 |
| EPIBW3.00-10N\_01 | 3X48X96 IB\_WALLNFP\_10\_R11.7 |
| EPIBW3.00-13N\_01 | 3X48X96 IB\_WALLNFP\_13\_R11.7 |
| EPIBW3.00-15N\_01 | 3X48X96 IB\_WALLNFP\_15\_R12.6 |
| EPIBW3.00-25N\_01 | 3X48X96 IB\_WALLNFP\_25\_R13.2 |
| EPIBW4.00-10N\_01 | 4X48X96 IB\_WALLNFP\_10\_R15.6 |
| EPIBW4.00-13N\_01 | 4X48X96 IB\_WALLNFP\_13\_R15.6 |
| EPIBW4.00-15N\_01 | 4X48X96 IB\_WALLNFP\_15\_R16.8 |
| EPIBW4.00-25N\_01 | 4X48X96 IB\_WALLNFP\_25\_R17.6 |

-Laminated Wall Insulation (LWI)

|  |  |
| --- | --- |
| EPLWI0.75-10\_01 | 0.75X48X96 L LWI/FOIL R2.9 10 |
| EPLWI0.75-15\_01 | 0.75X48X96 L LWI/FOIL R3.2 15 |
| EPLWI1.00-10\_01 | 1X48X96 L LWI/FOIL R3.9 10 |
| EPLWI1.00-15\_01 | 1X48X96 L LWI/FOIL R4.2 15 |
| EPLWI1.19-10\_01 | 1.188X48X96 L LWI/FOIL R4.6 10 |
| EPLWI1.19-15\_01 | 1.188X48X96 L LWI/FOIL R5 15 |
| EPLWI1.50-10\_01 | 1.5X48X96 L LWI/FOIL R5.9 10 |
| EPLWI1.50-15\_01 | 1.5X48X96 L LWI/FOIL R6.3 15 |
| EPLWI2.00-10\_01 | 2X48X96 L LWI/FOIL R7.8 10 |
| EPLWI2.00-15\_01 | 2X48X96 L LWI/FOIL R8.4 15 |
| EPLWI2.38-10\_01 | 2.375X48X96 L LWI/FOIL R9.3 10 |
| EPLWI2.38-15\_01 | 2.375X48X96 L LWI/FOIL R10 15 |
| EPLWI3.00-10\_01 | 3X48X96 L LWI/FOIL R11.7 10 |
| EPLWI3.00-15\_01 | 3X48X96 L LWI/FOIL R12.6 15 |
| EPLWIFF0.38-10N\_01 | 0.375X48X600 LWI/FOIL R1.5 10 |
| EPLWIFF0.38-15N\_01 | 0.375X48X600 LWI/FOIL R1.6 15 |
| EPLWIFF0.50-10N\_01 | 0.5X48X600 L LWI/FOIL R2 10 |
| EPLWIFF0.50-15N\_01 | 0.5X48X600 L LWI/FOIL R2.1 15 |

- Below Grade

- Insulated Wall – Below Grade (IBBLW)

|  |  |
| --- | --- |
| EPIBBLW0.50-10N\_01 | 0.5X48X96 IB\_BLWNFP\_10\_R2 |
| EPIBBLW0.50-15N\_01 | 0.5X48X96 IB\_BLWNFP\_15\_R2.1 |
| EPIBBLW0.50-25N\_01 | 0.5X48X96 IB\_BLWNFP\_25\_R2.2 |
| EPIBBLW0.50-40N\_01 | 0.5X48X96 IB\_BLWNFP\_40\_R2.2 |
| EPIBBLW0.50-60N\_01 | 0.5X48X96 IB\_BLWNFP\_60\_R2.3 |
| EPIBBLW0.75-10N\_01 | 0.75X48X96 IB\_BLWNFP\_10\_R2.9 |
| EPIBBLW0.75-15N\_01 | 0.75X48X96 IB\_BLWNFP\_15\_R3.2 |
| EPIBBLW0.75-25N\_01 | 0.75X48X96 IB\_BLWNFP\_25\_R3.3 |
| EPIBBLW0.75-40N\_01 | 0.75X48X96 IB\_BLWNFP\_40\_R3.3 |
| EPIBBLW0.75-60N\_01 | 0.75X48X96 IB\_BLWNFP\_60\_R3.4 |
| EPIBBLW1.00-10N\_01 | 1X48X96 IB\_BLWNFP\_10\_R3.9 |
| EPIBBLW1.00-15N\_01 | 1X48X96 IB\_BLWNFP\_15\_R4.2 |
| EPIBBLW1.00-25N\_01 | 1X48X96 IB\_BLWNFP\_25\_R4.4 |
| EPIBBLW1.00-40N\_01 | 1X48X96 IB\_BLWNFP\_40\_R4.4 |
| EPIBBLW1.00-60N\_01 | 1X48X96 IB\_BLWNFP\_60\_R4.5 |
| EPIBBLW1.19-10N\_01 | 1.188X48X96 IB\_BLWNFP\_10\_R4.6 |
| EPIBBLW1.19-15N\_01 | 1.188X48X96 IB\_BLWNFP\_15\_R5 |
| EPIBBLW1.19-25N\_01 | 1.188X48X96 IB\_BLWNFP\_25\_R5.2 |
| EPIBBLW1.19-40N\_01 | 1.188X48X96 IB\_BLWNFP\_40\_R5.2 |
| EPIBBLW1.19-60N\_01 | 1.188X48X96 IB\_BLWNFP\_60\_R5.3 |
| EPIBBLW1.50-10N\_01 | 1.5X48X96 IB\_BLWNFP\_10\_R5.9 |
| EPIBBLW1.50-15N\_01 | 1.5X48X96 IB\_BLWNFP\_15\_R6.3 |
| EPIBBLW1.50-25N\_01 | 1.5X48X96 IB\_BLWNFP\_25\_R6.6 |
| EPIBBLW1.50-40N\_01 | 1.5X48X96 IB\_BLWNFP\_40\_R6.6 |
| EPIBBLW1.50-60N\_01 | 1.5X48X96 IB\_BLWNFP\_60\_R6.8 |
| EPIBBLW2.00-10N\_01 | 2X48X96 IB\_BLWNFP\_10\_R7.8 |
| EPIBBLW2.00-15N\_01 | 2X48X96 IB\_BLWNFP\_15\_R8.4 |
| EPIBBLW2.00-25N\_01 | 2X48X96 IB\_BLWNFP\_25\_R8.8 |
| EPIBBLW2.00-40N\_01 | 2X48X96 IB\_BLWNFP\_40\_R8.8 |
| EPIBBLW2.00-60N\_01 | 2X48X96 IB\_BLWNFP\_60\_R9 |
| EPIBBLW2.20-10N\_01 | 2.2X48X96 IB\_BLWNFP\_10\_ R8.6 |
| EPIBBLW2.20-15N\_01 | 2.2X48X96 IB\_BLWNFP\_15\_ R9.2 |
| EPIBBLW2.20-25N\_01 | 2.2X48X96 IB\_BLWNFP\_25\_ R10 |
| EPIBBLW2.20-40N\_01 | 2.2X48X96 IB\_BLWNFP\_40\_ R10 |
| EPIBBLW2.20-60N\_01 | 2.2X48X96 IB\_BLWNFP\_60\_ R10 |
| EPIBBLW2.38-10N\_01 | 2.375X48X96 IB\_BLWNFP\_10\_R9.3 |
| EPIBBLW2.38-15N\_01 | 2.375X48X96 IB\_BLWNFP\_15\_R10 |
| EPIBBLW2.38-25N\_01 | 2.375X48X96 IB\_BLWNFP\_25\_R10.5 |
| EPIBBLW2.38-40N\_01 | 2.375X48X96 IB\_BLWNFP\_40\_R10.5 |
| EPIBBLW2.38-60N\_01 | 2.375X48X96 IB\_BLWNFP\_60\_R10.7 |
| EPIBBLW2.50-10N\_01 | 2.5X48X96 IB\_BLWNFP\_10\_R10 |
| EPIBBLW2.50-15N\_01 | 2.5X48X96 IB\_BLWNFP\_15\_R10.5 |
| EPIBBLW2.50-25N\_01 | 2.5X48X96 IB\_BLWNFP\_25\_R11 |
| EPIBBLW2.50-40N\_01 | 2.5X48X96 IB\_BLWNFP\_40\_R11 |
| EPIBBLW2.50-60N\_01 | 2.5X48X96 IB\_BLWNFP\_60\_R11.3 |
| EPIBBLW3.00-10N\_01 | 3X48X96 IB\_BLWNFP\_10\_R11.7 |
| EPIBBLW3.00-15N\_01 | 3X48X96 IB\_BLWNFP\_15\_R12.6 |
| EPIBBLW3.00-25N\_01 | 3X48X96 IB\_BLWNFP\_25\_R13.2 |
| EPIBBLW3.00-40N\_01 | 3X48X96 IB\_BLWNFP\_40\_R13.2 |
| EPIBBLW3.00-60N\_01 | 3X48X96 IB\_BLWNFP\_60\_R13.5 |
| EPIBBLW4.00-10N\_01 | 4X48X96 IB\_BLWNFP\_10\_R15.6 |
| EPIBBLW4.00-15N\_01 | 4X48X96 IB\_BLWNFP\_15\_R16.8 |
| EPIBBLW4.00-25N\_01 | 4X48X96 IB\_BLWNFP\_25\_R17.6 |
| EPIBBLW4.00-40N\_01 | 4X48X96 IB\_BLWNFP\_40\_R17.6 |
| EPIBBLW4.00-60N\_01 | 4X48X96 IB\_BLWNFP\_60\_R18 |

- Block

- non-Geofoam blocks not in standard sizes, but usually 37” x 49” x 97” untrimmed

- Lightweight Fill

-Geofoam blocks not in standard sizes, but usually 37” x 49” x 97” untrimmed

- Max size for any block is 37” x 49” x 196” untrimmed

Custom Sizes

-name it and we can make it. Probably.

Categories for custom products

* Foam Density Families
  + 071, 073
  + 100, 101, 103
  + 121, 123
  + 151, 153
  + 201, 203
  + 251, 253
  + 301, 303
  + 351
* Amount of recycled material in product (Geofoam is 00, or contains no recycled material)
  + 00
  + 10
  + 15
  + 25 (only applies to 100 or 101 family)
  + 40 (only applies to 100 family)
* Thickness up to 37” untrimmed
* Width up to 49” untrimmed
* Length up to 196” untrimmed
* Laminated
  + Single or double sided
  + Clear or metal
* Talon Guard (insect repellant)

I was just thinking that when we arrive to the final landing page for the different categories, Insulated Board – Roof (IBR), for instance, that we could use a radios to hard code the two options (foam density and thickness). Then, we could use a switch statement to line the requests up with the actual EP numbers, or rather, products.

IBR

- Foam densities

- 101-25, 121-15, 151-15, 201-15, 251-00, 351-00

- Thicknesses

- 0.5”, 0.75”, 1.00”, 1.19”, 1.50”, 2.00”, 2.20”, 2.38”, 2.50”, 3.00”, 4.00”

Switch (EPNum) {

case ’foamDen === 101-25 && foamThick === 0.50’:

EPNum = EPIBR1.50-25\_01;

return EPNum;

break;

etc, etc,

8 Variables to determine which product (EPNum) is being picked.

* foamDen = Density of the foam
* foamThick
* foamWidth
* foamLength
* foamLam = Laminated film, both sides. This will probably end up being two variables later, as there can be film on one side, or just two, but those are specialty items, so I’m not worried about them at the moment.
* foamTG = Does the part have a tongue & Groove component
* foamGrooveBack = Does the product have a set of drainage grooves on the backside?

We’ll need to use the if/else statement to assign each product based on these characteristics. The Switch statement will take too long to figure out. Still use EPNum to assign the final product.