

Insulation Material**R-value per inch****Cost per square foot**

Vacuum Insulated Panel:



R-30~R-50

35

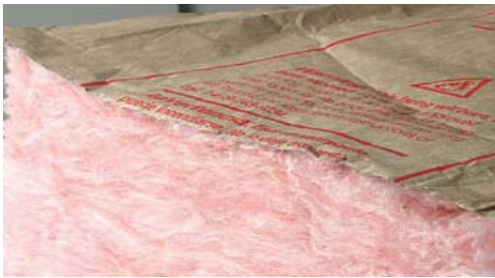
Polystyrene Board:



R-5.00

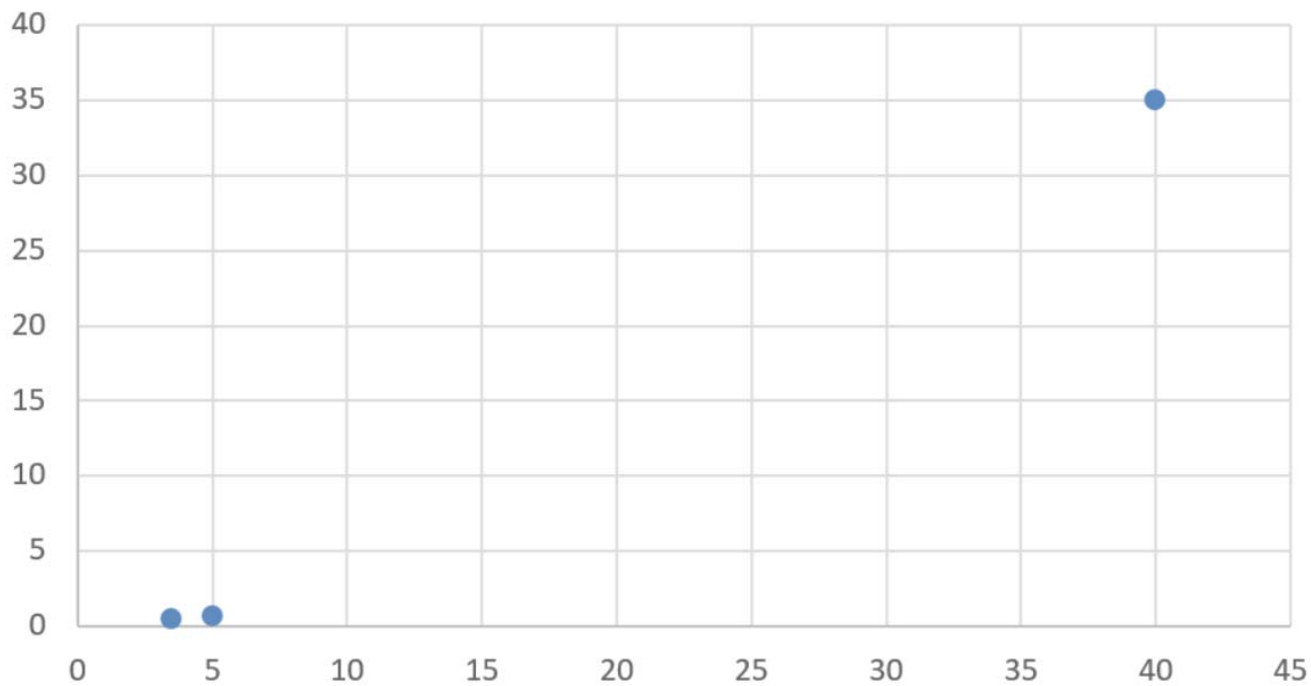
0.6

Fibre Glass Batts:



R-3.5~R-5

0.5



Within the three kinds of insulation materials, the higher the R values, the more expensive the prices. However, such correlation is weaker when the R values are close to each other.

Single Glazed:



Assembly U Value (W/m2K)

4.8

2.8

1.4

Within the three kinds of window assemblies, the higher the center of glass U-value, the higher the assembly U-value.