

Translations:L'énergie dans l'habitat/41/en

Fourier's law on thermal conduction is detailed in the previous step. Thermal conduction is the amount of heat that passes from one area to another depending on the type and thickness of the material separating the areas. This conduction depends on the thermal conductivity (λ) of a particular material. The weaker λ is, the more insulating the material is. According to the French regulation RT2012, a material is considered insulating if its thermal conductivity is less than 0.065 W/m/K. Here are some examples of materials that are used in construction: