



---

**CHECKLIST # G.10 FOR THE VERIFICATION OF:  
THERMAL CONDUCTANCE \*(C-Factors, also known as K-values)**

---

**The following current laboratory test reports, as applicable from a recognized laboratory.**

- ❑ C-factor as per ASTM F 433 - Practice for Evaluating Thermal Conductivity of Gasket Materials.
- ❑ C-factor per ASTM E 1225 – Test Method for Thermal Conductivity of Solids by Means of the Guarded-Comparative-Longitudinal Heat Flow Technique.
- ❑ C-factor as per ASTM C 202 - Test Method for Thermal Conductivity of Refractory Bricks.
- ❑ C-factor as per ASTM C 518 – Test Method for Steady-State Thermal Transmission Properties by Means of Heat Flow Meter Apparatus.
- ❑ C-factor as per ASTM C 177 – Test Method for Steady-State Heat Flux Measurements and Thermal Transmission Properties by Means of Guarded-Hot-Plate Apparatus.

\* Thermal Conductance of Building Materials and typical construction assemblies but not limited to Wood, Wood Studs, Glass, Aluminum, Copper, Air, Epoxy, Expanded Polystyrene, Rubber, Concrete, Masonry, Sandstones, Sheathing and Stucco.

