

THERMO-TEK LTD TESTING SUMMARY

Over a six months period, we have put our extraordinary Thermo-Tek coating through a battery of tests employing two prominent testing laboratories, as well as our own in-house testing. Results are on file for scrutiny as required. All required ASTM tests for heat conductivity, smoke, and flammability were conducted.

Results:

To put it very simply, the following consistent and repeatable results were observed:

1. Thermo-Tek will neither emit smoke nor support flame until after every other flammable and semi-flammable material in the immediate vicinity either emits smoke or becomes flammable. In other words, Thermo-Tek passes every ASTM test for smoke and flame spread with flying colors.
2. Through both reflection and absorption, Thermo-Tek when applied to a highly heat conductive material (0.60 inch aluminum substrate) permits less transfer of heat than six-inch batting with an R19 value (after 35, 45, and 60 minutes of exposure to a radiant heat source). See NOTE below.

NOTE: After five minutes of exposure to a radiant heat source, heat rise in the Thermo-Tek coated aluminum substrate levels out while the heat through the six-inch batting continues to rise.