

Brock Murphy
Driving Insulation, Part II

My project is called Driving Insulation (Part II). My project is about how new insulation ideas can positively affect our economy. This is very important to our economy. It gives a use for tires that are sitting in a wasteland. As we know tires put off heat and in my experiment I take a well insulating material and add it to adobe. As I hypothesized the more tire shreds are added, the better it would heat the bricks. I put the bricks under four heat lamps evenly spaced along with the bricks. I turned the heat lamps on for 30 minutes. Then I turned the heat lamps off and tested the heat every minute for another 30 minutes. As I predicted my hypothesis was proven correct. The 5% brick and the 20% brick lost the least amount of heat by only losing 2 degrees. The more tire shreds added the better it heats. My results were consistent with my hypothesis.