

2nd April, 2013

John Scott Insulated Garage Doors

Dear John,

Thank you for sending us the details and samples of your insulated garage doors.

As discussed a normal steel door has no resistance to heat and cold and has an effective R value of 0.

Considering you garage door is both insulated and able to be sealed it is a far superior product, thermally, than is currently used for most garage door applications.

Considering the insulating values quoted of the garage door using a PIR foam of 40kg/m³ give the garage door the Thermal Conductivity of 0.0215 W/m.k

Given a nominal thickness of the door is 38mm this would make the door R 1.77.

Please feel free to contact us if you have any questions.

Regards

rec

Nathan Peart