

ASSA ABLOY tests high efficiency thermal door

Written by Luke

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Security Doors, a division of ASSA ABLOY UK, the global leader in opening solutions, has tested a new high-efficiency thermal door offering excellent insulation.

The thermal door has achieved a U-Value of $1.6\text{W/m}^2\text{K}$ in both single and double door configurations, exceeding thermal energy efficiency standards referred to in Part L Building Regulations guidelines, which require external pedestrian doors to achieve a U-Value under $2.2\text{W/m}^2\text{K}$.

The U-Value refers to the amount of heat transferred through a material. A slow transfer of heat leads to a better insulating value, and a lower numbered U-Value. If required, the thermal door can be upgraded to achieve a higher thermal efficiency U-Value of $1.3\text{W/m}^2\text{K}$, preventing heat loss further.

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