



Metador

Defender Thermaguard*

Defender Thermaguard* technology is independently accredited to provide a $1.4\text{W}/\text{m}^2\text{K}$ value.

** Patent Pending*



Defender Thermaguard* technology has been developed to meet the increased demands for energy-efficient buildings as part of a greener future.

External doorsets face perhaps the most wide-ranging demands of any building envelope components: they need to be capable of withstanding the rigours of constant daily use through many years by legitimate personnel; provide security and protection from unwanted intruders, protection from fire and resistance to weather, whilst complementing the building aesthetics.

Thermaguard* Technology includes a range of design innovations that reduce the U-value of a typical doorset to 1.4 W/m²K, meeting the latest requirements of the Building Regulations Part L in England and Wales. These include a unique perforated frame design (UK Patent pending), insulated frame and increased leaf thickness. The design calculation has been provided by an accredited UKAS approved company using the simulation method as defined by the requirements of BS EN 10077-2:2017.

Defender Thermaguard* is our latest innovative development providing doorsets with a reduced U-value of 1.4 W/m²-K, exceeding the values currently required by Building Regulations in England and Wales.

Our Thermaguard* technology can be applied to a number of our Defender doorset products and allows even more flexibility.

Current doorsets with this technology available are:

- Defender Safeguard
- Defender PASguard
- Defender Decorguard

* Patent Pending



Typical frame profile.

Defender Thermaguard* requires a minimum frame depth of 110mm and 60mm leaf.



Made of stronger stuff.

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