

QUALITY PERFORMANCE - HIGH SECURITY HARDWARE - LOWEST U VALUES

warmcore®

FOLDING SLIDING DOOR SYSTEM

THE LATEST
INNOVATION IN HIGH
PERFORMANCE,
LOW U VALUE
SLIDING FOLDING
DOORS



SUPERIOR
THERMAL
PERFORMANCE



HIGH-TEC
ELEGANCE



QUALITY
AND
STYLE



HIGH
STRENGTH
CONSTRUCTION



16
COLOUR
COMBINATIONS

NOVA GROUP

Double Glazing Systems

tel: 0161 613 9600

Norman Road, Altrincham
Cheshire, WA14 4EN

www.novagroup.co.uk/warmcore



PLEASE ASK A MEMBER OUR SALES
TEAM FOR MORE INFORMATION

SUPERIOR THERMAL PERFORMANCE

At the heart of WarmCore products is a thermal core which significantly out-performs the polyamide thermal breaks commonly used to reduce the threat of cold bridging on aluminium windows and doors.

The result is an innovative “warm aluminium” frame construction, carefully dimensioned to provide an optimised 70mm front-to-back overall sash frame depth while ensuring market-leading thermal performance thanks to the multi-chambered insulating core.

The fully concealed multi-chambered cores substantially improve thermal performance when compared to thermally-broken aluminium doors.



THE WARMCORE ADVANTAGE

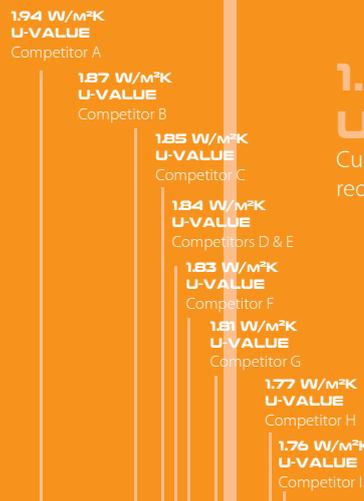
U-VALUE PERFORMANCE

1.8 W/M²K
U-VALUE

Current Building Regulations Part L requirements for replacement doors

WarmCore has been designed from the ground up to offer market leading thermal performance, protecting against future tightening of Building Regulations. Using standard double glazing the WarmCore folding sliding door achieves a U-value of 1.5, with U-values as low as 1.0 achievable using 44mm triple glazing.

The advantage against traditional aluminium doors is clear, with many struggling to meet current legislation.



1.6 W/M²K
U-VALUE

Current Building Regulations Part L requirements for replacement windows

1.4 W/M²K
U-VALUE
with 28mm double glazing
WARMCORE

1.0 W/M²K
U-VALUE
with 44mm triple glazing
WARMCORE

2.0
WORSE

0.9
BETTER

WEATHER RESISTANCE

- o Folding sliding door leaves are triple-sealed with contact weatherstrip gaskets to eradicate draughts and ensure excellent weathertightness
- o Best-in-class weathertightness for all-year-round user comfort
- o Gasket corner mouldings for sash-to-frame and sash-to-sash applications use a push-fit design to neatly and positively couple with straight-cut gasket lengths for easy application, whilst avoiding any need to overrun gaskets to fill gaps between sashes



An attention to detail that goes as far as creating bespoke union mouldings for gaskets ensures WarmCore outperforms the competition

HI-TECH ELEGANCE

Precision-manufactured with a high quality surface finish and affording slim sightlines when installed, aluminium has become the material of choice for premium folding sliding door applications.

WarmCore doors utilise a composite of materials to ensure an end product that is energy efficient and recyclable combined with the premium quality, structural integrity and architectural design elegance of aluminium to create a product perfect for both residential and commercial building applications.

