

# ART DECO DOORS

## TECHNICAL SPECIFICATION

V1.SEP18



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| <b>General description</b>   | KAT Art Deco Doors are manufactured from modern aluminium materials with the thermal properties and performance of a modern system. This is ideal where there is a design requirement to retain the slim lines of a buildings' original steel doors in conservation areas. |
| <b>Material</b>  | Aluminium  |
| <b>Colour</b>  | Wide range of RAL colours with dual colours available  |
| <b>Outerframe and sash dimensions</b><br><small>Note: A minimum of 2 midrails per door sash are required to house the locking mechanism, regardless of dimensions.</small> | Frame depth 47mm<br>Frame and sash sightline 59mm<br>Max sash width 900mm<br>Max sash height 2100mm  |
| <b>Sash options</b>  | Single or double doors with slim sightlines  |
| <b>Thermal performance</b>   | U-Value of 1.5 W/m <sup>2</sup> K (with sealed unit 1.0 W/m <sup>2</sup> K) Polyamide thermal break provides enhanced thermal performance.   |
| <b>Threshold</b>   | Standard fully weathered threshold 33mm  |
| <b>Beads</b>   | Internally Beaded  |
| <b>Cills</b>   | 85mm, 135mm, 150mm, 190mm, 225mm, 300mm  |

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| <b>Weathering</b> | Weather test results:<br>Air 600pa<br>Water 600pa<br>Wind 2400pa  |
| <b>Hardware</b>   | One pair of Lever/Lever door handles fitted to the master door sash. Available in a wide range of colours and finishes, including anodised shades of gold, bronze, silver, grey and black and textured anthracite grey. |
| <b>Glazing</b>    | 24mm, 28mm or 32mm<br>Tape or gasket glazed   |
| <b>Security</b>   | Multi point locking and face mounted shoot bolts.   |
| <b>Optional</b>   | Odd leg or even leg outerframe<br>Rebated Frame (No Low Threshold)<br>Option for no Threshold if internal door  |

