



Kawneer Aluminium Bifold Doors

TECHNICAL SPECIFICATION

General Description	Totally bespoke bifold doors designed and manufactured by KAT to fit your application. Huge range of bifold configurations from KAT the UK market leader with a 10 year manufacturers' guarantee.
Manufacturer	KAT
Material	Thermally broken aluminium
Outerframe	Frame width: Min. 1.5m (based on 2 panels) Frame height: Min. 1930mm Max. 2930mm Transport restricted to 6.4m therefore outerframes have to be mechanically jointed
Sash Options	Sash width: Min. 700mm Max. 1.2m Sash weight: max 120kg
Beads	Standard is 28mm chamfered bead Optional 32mm or 44mm square bead or 36mm chamfered
Gaskets	Black
Thresholds	45mm Threshold – thermally broken, fully weathered. Tested to 'severe' weather conditions (BS 6375) 24mm Low Threshold – thermally broken, provides good protection, no weather rating
Configurations	Sash options 2, 3, 4, 5, 6 or 7 panels. Inward or outward opening doors sliding to left or right in various combinations

Hardware	Stainless steel track Vanguard Lever/Lever handles on master door in six finishes White, Grey, Black, Chrome, Gold and Brushed Stainless Steel Locking lever handle on intermediate door in four finishes, Black, White, Chrome and Satin to operate shoot bolt
Glazing	Standard U-Value 1.8 U-Value 1.0 achievable with 0.7 W/m2K Triple glazing Water tight to 750 pascals To take 28mm double glazed sealed units. Low emissivity, soft coat glass clear or obscured argon filled units. Warm edge spacer bar (black or grey) 32mm, 36mm and 44mm glazing can be accommodated
Security and Performance	Sobinco hook lock to master door – 5 point locking system has been independently tested to meet PAS 24:2016
Colour Options	Single colours: RAL 9016 Traffic White Gloss RAL 7016 Anthracite Grey Matt RAL 9005 Black Matt RAL 7035 Light Grey Matt RAL 7015 Textured Slate Grey Dual colours: RAL 9005 Black Matt outside/ RAL 9016 Traffic White Gloss inside RAL 7016 Anthracite Grey Matt/ RAL 9016 Traffic White Gloss Anodised Black 54B
Cills	94mm, 149mm or 173mm