

Materials	Extruded aluminium is alloy 6063.T6 to BS EN755-9:2001, a thermal break is achieved by joining internal and external faces with polyamide strips.	
Finish	Polyester powder coating is BS 6496, 1984 to the full RAL range available	
Construction	Easifold 3000 series doors are constructed using mitred and mechanically crimped corners, utilising extruded corner cleats and pressed chevrons. Outer frame available for direct fix or fitting to sub frame. Automatic toe and heal device integral to each leaf.	
Hardware	The unique eight point multi-point locking system conforms to police preferred 'Secured by Design' standards. The lock includes chamfered 20mm linear bolts and deep throw 25mm security hooks. Each door comes with three lift off solid zinc adjustable security hinges. The doors run along the track on the unique free glide solid zinc and stainless steel carriage assembly on acetal wheels with pressed needle roller bearings on a 6mm hardened stainless steel shaft running on a track of 10mm aluminium bell design.	
Glazing	All Glazing should be carried out to the recommendations of BS 6262. Double glazing, 24mm / 28mm units must be fitted to this door system. The door is internal shuffle bead glazed for site glazing. For additional security the external gasket is captive and the internal gasket a wedge.	
Limitations	<p>Max. door width = 1200mm</p> <p>Max. door set height (with 1200mm doors) = 2500mm</p> <p>Max door height (with reduced door widths) = 2700mm</p>	<p>Min. door width, even numbers both directions = 700mm</p> <p>Min. door width, odd numbers in same directions = 400mm</p> <p>Min door height with multipoint lock (no shootbolts) = 1000mm</p> <p>Min door height with multipoint lock (with shootbolts) = 1600mm</p>
Testing	The Origin Easifold door system is tested in accordance with BS 6375: Part 1 2004 prEN 10077-2 ISO 15099	
Performance	According to the British standard BS 6375: Part 1 20041, the Easifold 3000 test door achieved the following classification with a rebated threshold.	
	<p>Exposure category</p> <p>Air Permeability</p> <p>Water tightness</p> <p>Wind resistance</p>	<p>1200 special</p> <p>600 Pa</p> <p>600 Pa</p> <p>1200 Pa</p>
Please note that the above applies to our standard weathered threshold. The low threshold / internal threshold system is not weather rated and we would advise that this is only used internally.		