

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	Origin Easifold doors are constructed using mitred, mechanically crimped and bonded corners, utilising extruded corner cleats and pressed chevrons. Outer frame available for direct fix or fitting to sub frame. Automatic toe and heel 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. 24mm, 28mm or 32mm units (weight restrictions apply) 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	Max. door width = 1200mm	Min. door width, even numbers same directions = 700mm
	Max. door set height (with 1200mm doors) = 2500mm	Min. door width, odd numbers in same directions = 400mm
	Max door set height (with reduced door widths) = 2700mm	Min door height with multipoint lock (no shootbolts) = 1000mm
		Min door height with multipoint lock (with shootbolts) = 1600mm
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 Origin Easifold test door achieved the following classification with a rebated threshold.	
	Exposure category	1200 special
	Air Permeability	600 Pa
	Water tightness	100 Pa
	Wind resistance	1200 Pa

Please note that the above applies to our standard weathered threshold. The non-weathered threshold system is not weather rated and we would advise that this is only used internally.

