

V1 - FEB 2023

DATA SHEET

REAL ALITHERM 400i CASEMENT WINDOW

Casement Windo	w Alithe	rm 400i (Internally beaded)
		Slim sash available for double glazing
Range	Smarts Alitherm 400i	
Finish	Polyester powder coating to BS6496 (Marine Grade +60 microns)	
Appearance	Square frame, with quick glaze bead and new slimline flat sash for 28mm glazing	
Stock colours	White gloss, RAL 7016m, RAL 9005m and Ral 7016m on white	
System glazing	Internally glazed with dummy sashes in fixed lights + tap in bead	
Thermal break	Polyamide thermally broken profile	
Gaskets	Low line gasket for slimmer sightines	
WER	down to A rating using suitable double glazed unit	
U Value	down to 1.4 W/m2k with double glazing and 1.0 W/m2k with triple glazing	
Locking system	PAS24 approved mushroom espag locking mechanism by Mila	
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		ocking mechanism by Mila
Security	PAS24 upgraded available (6.8mm l	ocking mechanism by Mila
	PAS24 upgraded available (6.8mm l Friction hinges by Yale	ocking mechanism by Mila am glass/ hinge guards)
Security Hinges	PAS24 upgraded available (6.8mm l	ocking mechanism by Mila am glass/ hinge guards)
Security Hinges Handles on sash	PAS24 upgraded available (6.8mm l Friction hinges by Yale Espag locking handles by ERA in the	ocking mechanism by Mila am glass/ hinge guards) e bead
Security Hinges Handles on sash Frame Depth	PAS24 upgraded available (6.8mm l Friction hinges by Yale Espag locking handles by ERA in the 70mm	ocking mechanism by Mila am glass/ hinge guards) e bead
Security Hinges Handles on sash Frame Depth Typical sightline	PAS24 upgraded available (6.8mm I Friction hinges by Yale Espag locking handles by ERA in the 70mm New improved 68mm slim sash and	ocking mechanism by Mila am glass/ hinge guards) e bead
Security Hinges Handles on sash Frame Depth Typical sightline Side Hung Max o/a width Side Hung Max o/a height Top Hung Max o/a width	PAS24 upgraded available (6.8mm I Friction hinges by Yale Espag locking handles by ERA in the 70mm New improved 68mm slim sash and 864mm	ocking mechanism by Mila am glass/ hinge guards) e bead
Security Hinges Handles on sash Frame Depth Typical sightline Side Hung Max o/a width Side Hung Max o/a height	PAS24 upgraded available (6.8mm I Friction hinges by Yale Espag locking handles by ERA in the 70mm New improved 68mm slim sash and 864mm 1400mm	ocking mechanism by Mila am glass/ hinge guards) e bead
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Security Hinges Handles on sash Frame Depth Typical sightline Side Hung Max o/a width Side Hung Max o/a height Top Hung Max o/a height	PAS24 upgraded available (6.8mm I Friction hinges by Yale Espag locking handles by ERA in the 70mm New improved 68mm slim sash and 864mm 1400mm 1400mm 1500mm	ocking mechanism by Mila am glass/ hinge guards) e bead outer frame
Security Hinges Handles on sash Frame Depth Typical sightline Side Hung Max o/a width Side Hung Max o/a height Top Hung Max o/a height Glazing sizes	PAS24 upgraded available (6.8mm I Friction hinges by Yale Espag locking handles by ERA in the 70mm New improved 68mm slim sash and 864mm 1400mm 1500mm 28mm double glazed unit and 40mm	ocking mechanism by Mila am glass/ hinge guards) e bead outer frame
Security Hinges Handles on sash Frame Depth Typical sightline Side Hung Max o/a width Side Hung Max o/a height Top Hung Max o/a height Glazing sizes Air Test	PAS24 upgraded available (6.8mm I Friction hinges by Yale Espag locking handles by ERA in the 70mm New improved 68mm slim sash and 864mm 1400mm 1400mm 1500mm 28mm double glazed unit and 40mm Class 4 600Pa	ocking mechanism by Mila am glass/ hinge guards) e bead outer frame
Security Hinges Handles on sash Frame Depth Typical sightline Side Hung Max o/a width Side Hung Max o/a height Top Hung Max o/a height Glazing sizes Air Test Water test	PAS24 upgraded available (6.8mm I Friction hinges by Yale Espag locking handles by ERA in the 70mm New improved 68mm slim sash and 864mm 1400mm 1500mm 28mm double glazed unit and 40mm Class 4 600Pa Class E 1200Pa	ocking mechanism by Mila am glass/ hinge guards) e bead outer frame n triple glazed unit (Slim sash in dg only)
Security Hinges Handles on sash Frame Depth Typical sightline Side Hung Max o/a width Side Hung Max o/a height Top Hung Max o/a height Glazing sizes Air Test Water test Wind test	PAS24 upgraded available (6.8mm I Friction hinges by Yale Espag locking handles by ERA in the 70mm New improved 68mm slim sash and 864mm 1400mm 1400mm 1500mm 28mm double glazed unit and 40mm Class 4 600Pa Class E 1200Pa Class AE 2400Pa	ocking mechanism by Mila am glass/ hinge guards) e bead outer frame n triple glazed unit (Slim sash in dg only)
Security Hinges Handles on sash Frame Depth Typical sightline Side Hung Max o/a width Side Hung Max o/a height Top Hung Max o/a height Glazing sizes Air Test Water test Wind test Add ons	PAS24 upgraded available (6.8mm I Friction hinges by Yale Espag locking handles by ERA in the 70mm New improved 68mm slim sash and 864mm 1400mm 1400mm 1500mm 28mm double glazed unit and 40mm Class 4 600Pa Class E 1200Pa Class AE 2400Pa 20mm, 30mm and 42mm add on ava	ocking mechanism by Mila am glass/ hinge guards) e bead outer frame n triple glazed unit (Slim sash in dg only)
Security Hinges Handles on sash Frame Depth Typical sightline Side Hung Max o/a width Side Hung Max o/a width Top Hung Max o/a height Glazing sizes Air Test Water test Wind test Add ons Cill sizes	PAS24 upgraded available (6.8mm I Friction hinges by Yale Espag locking handles by ERA in the 70mm New improved 68mm slim sash and 864mm 1400mm 1400mm 1500mm 28mm double glazed unit and 40mm Class 4 600Pa Class E 1200Pa Class AE 2400Pa 20mm, 30mm and 42mm add on ava 85mm, 150mm, 190mm and 225mm	ocking mechanism by Mila am glass/ hinge guards) e bead outer frame n triple glazed unit (Slim sash in dg only)

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For more information, or to make your next project a REAL project, get in touch with the team at re-aluminium.co.uk

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