

Technical Information

The Prime Aluminium bifold system, for bifolding doors & windows, French doors and single glazed doors, is designed as a sleek modern system that is fitter friendly.

The system has aesthetic qualities and robust running gears and hardware to ensure smooth operation of the doors, and minimal maintenance.

The super slim system offers:

A weather rated standard threshold with an option for low threshold with or without ramps for ease of access. In addition, a range of cills to suit site requirements.

Super slim sightlines

PAS24 security for peace of mind

Thermal efficiency with u-values from 1.4 - ask our helpful sales team about glass recommendations to suit your requirements.

A huge range of configuration options, with market leading sash widths of up to 1200mm wide by 3000mm high.

Options for either a floating or static corner post.

Popular range of standard colour options and non-standard RAL colour orders.

PERFORMANCES

u Value W/m2k (double glazing with 1.1 u-value)	1.4 W/m2K
Air Permability BS EN 1026	Class 4
Watertightness BS EN 1027	Class 9A
Wind Resistance BS EN 12211	Class A3

Security PAS24 Approved

CONFIGURATIONS

Direction of opening

Open in & Open out

SIZE LIMITS

Maximum Frame width	16.8m	
Maximum amount of panes sliding one	e way 7 panes	
Maximum sash width	1200mm	
Maximum sash height	3000mm	
Standard Sash meeting stile sight line	120mm	
Heavy Sash meeting stile sight line	133mm	
Frame width	81mm	
Maximum sash weight	120kg	
FEATURES		
Frame depth	73mm	
Paint standard and thickness	Qualicoat, 60 microns Qualanod, 20 microns	
Dual colour option availability	~	
Concealed & face fixed hinge options	1	
Glazing options	Internal	
Glazing thickness	28mm, 32mm, 35mm, 44mm	
Hardware Supplier	Debar	

SIZE LIMITS	
Option 1 - Manual corner	Screw
Option 2 - Crimped corner	1
Threshold options	20mm or full framed option
Half roller or sliding post possibility	•
Cill Options	90mm, 150mm, 190mm, 230mm
Multi point locking	

Pane 1	PLANICLEAR (4 mm)
Cavity 1	ARGON (90%) / AIR (10%) / 20 mm
Pane 2	PLANITHERM ONE T FG PLANICLEAR (4 mm)







CIE (15-2004)

EN410 (2011-04)

Light transmission (TL %) Outdoor reflection (RLe %) Indoor (RLi %)



SOLAR FACTORS

0.4939 0.5677

67.0 %

25.0 %

25.0 %



 \cap

•

COLOR RENDERING

Transmission (Ra) Reflection (Ra)

Shading Coefficient (SC)

Solar factor (g)



96.0 EN356

NPD

BURGLAR RESIST Result :

Transmission (Te) Reflection (Ree) Indoor (Rei) Absorption (AE1)

Absorption (AE2)



Ug 0° related to vertical position

ENERGY FACTORS



MANUFACTURING SIZES

Nominal thickness Weight



PENDULUM RESISTANCE

Result :



Acoustic simulated values v2.0 OITC (ASTM E1332) STC (ASTM E413) EN410 (2011-

04) 42.7 % 42.3 % 40.3 % 7.6% 7.4%

EN673 (2011-

04)

1.068 W/m².K

28.0 mm 20.0 kg/m²

EN12600

NPD

26

34

EN12758

Rw(C;Ctr) = 33(-1;-5) dB

Verified Results EN 673 VWW.tuv.com ID 0000058559 international standard ISO9050, the Japanese standard JIS R 3106/3107 and the Korean standard KS L 2514/2525. The functional outpu been validated by TÜV Rheinland (report 11923R-11-33705). The technical performances obtained according to these standards are provid Only the values entered in the performance declaration available on the CE marking site of Saint-Gobain (Glass are official. The sound attenuation indices are measured under laboratory conditions according to the standards EN ISO 10140 and EN 12758. The calc index lies within a range of 4/-2dB. The glass thickness calculations comply with the 2012 version of the DTU39-P4 description. The USER is entered and the DTU39 is applied appropriately for the project concerned. andards EN 410 and EN 673, the Indards EN 4<u>10 and EN 673 have</u>

vided for information only. The accuracy for Rw ing that the correct calculation hypotheses are