



## DECLARATION OF PERFORMANCE

Generic Windows and Doors for Commercial and Domestic use.



### 1.Product Type:

Unique identification code of product type.

**Alitherm 400**

### 2.Type

batch or serial number or any other element allowing identification of the construction product as required under Article 11(4).

**400i Flush Sash Window**

### 3.Intended use

of the construction product, in accordance with the applicable UK designated technical specification, as foreseen by the manufacturer.

**For domestic and commercial use**

### 4.Name, registered trade name

or registered trade mark and contract address of manufacturer as required under Article 11(5).

**REAL Aluminium Products Ltd (Trading as Atlas Aluminium)  
Eden House, Reynolds Road,  
Beaconsfield, HP9 2FL**

### 5.Contact Address:

Where applicable, name and contact address of the authorised representative whose mandate covers the tasks specified in Article 11(5).

**REAL Aluminium Products Ltd (Trading as Atlas Aluminium)  
Newton Centre, Brunel Way,  
Stroudwater Business Park,  
Stonehouse, GL10 3SW**

### 6.AVCP:

System or systems of assessment and verification of consistency of performance of the construction product as set out in Annex V.

**REAL IMS**

### 7.Notified body:

In case of declaration of performance concerning a construction product by a harmonised standard

**EN 14351-1:2006+A2:2016**

### 8.Declared Performance:

Characteristics	Performance			
Air permeability	<b>Class 4 (600Pa)</b>			
Water tightness A	<b>Class E1200 (1200Pa)</b>			
Resistance to wind load	<b>Class AE2400 (2400Pa)</b>			
Resistance to wind def	<b>Class A (&lt;1/50)</b>			
Glass types	Glass CPU	U <sub>w</sub>	g value	WER
<b>28mm Low iron/argon/softcoat1.2</b>	<b>1.2 W/m<sup>2</sup>k</b>	<b>1.5W/m<sup>2</sup>k</b>	<b>0.74</b>	<b>A</b>
<b>28mm Clear/argon/softcoat1.2</b>	<b>1.2 W/m<sup>2</sup>k</b>	<b>1.5W/m<sup>2</sup>k</b>	<b>0.71</b>	<b>A</b>
<b>28mm Clear/argon/softcoat1.0</b>	<b>1.1 W/m<sup>2</sup>k</b>	<b>1.4W/m<sup>2</sup>k</b>	<b>0.49</b>	<b>D</b>
<b>40mm Clear/argon/softcoat1.2/argon/softcoat1.2</b>	<b>0.7 W/m<sup>2</sup>k</b>	<b>1.1W/m<sup>2</sup>k</b>	<b>0.61</b>	<b>A+</b>
<b>40mm Clear/argon/softcoat1.0/argon/softcoat1.0</b>	<b>0.6 W/m<sup>2</sup>k</b>	<b>1.0W/m<sup>2</sup>k</b>	<b>0.36</b>	<b>C</b>

Softcoat 1.2 examples- K glass S, Planitherm Total, Climaguard A+ / Softcoat 1 examples - Optitherm S1, Planitherm One, Climaguard 1