

# Test protocol

**MS Aluminium LTD,  
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Order : alubin oren 3  
Test number: 2  
Tester : yousef ayyad

Date: 25.12.2016

## **Characteristiques of element**

Type of element : alubin sliding door  
Opening type : Sliding  
Curtainwall (m<sup>2</sup>): 8.214 fixed joints : 0.000 m  
Window (m<sup>2</sup>): 7.000 Joints to open : 12.900 m

## **Reference of profiles**

Frame :	Sill Detail :
Sash :	Transom :
Mullion :	Glazing bead :
Sealing :	Drip Bar :
Hardware :	Other :
Material :	Locking :
Finish :	Hinges :

## **Glazing**

Type :	Filling :
Filling :	Glas area :
Glass Dimensions :	Other :

## **Classification**

Nominal Air Permeability AE0 Wind Resistance D0 Watertightness R9  
Actual : Air Permeability AE0 Wind Resistance D0 Watertightness R0

Remark:

Place:..... Date:25.12.2016 Tester:.....

# Test protocol

**MS Aluminium LTD,**



## Air permeability: EN 12152

Facade surface: 8.214 m<sup>2</sup> Length opening joints: 0.000 m Length fixed joints: 7.000 m

### 1. Air Permeability pressure / Air Permeability suction

Pressure		Qc	Qfc	Qtc	fixed surface	fixed joints	window surface	window joints
Desired	Actual	m <sup>3</sup> /h	m <sup>3</sup> /h	m <sup>3</sup> /h	(m <sup>3</sup> /m <sup>2</sup> *h)-class	(m <sup>3</sup> /m*h)-class	(m <sup>3</sup> / (m <sup>2</sup> *h)-class	(m <sup>3</sup> /m*h)-class
+								
50	50	6.04	0.00	0.00	0.00 - A4	0.00 - A4	0.00 - 4	0.00 - 4
100	101	11.01	0.00	0.67	0.00 - A4	0.00 - A4	0.09 - 4	0.05 - 4
150	150	15.85	0.00	1.43	0.00 - A4	0.00 - A4	0.20 - 4	0.11 - 4
200	200	21.79	0.00	1.69	0.00 - A4	0.00 - A4	0.24 - 4	0.13 - 4
250	251	26.87	0.00	1.31	0.00 - A4	0.00 - A4	0.18 - 4	0.10 - 4
300	301	30.88	0.00	1.30	0.00 - A4	0.00 - A4	0.18 - 4	0.10 - 4
450	453	41.64	0.00	1.22	0.00 - A4	0.00 - A4	0.17 - 4	0.09 - 4
600	599	49.30	0.00	0.64	0.00 - A4	0.00 - A4	0.09 - 4	0.04 - 4
-								
-50	-51	6.72	0.00	0.28	0.00 - A4	0.00 - A4	0.04 - 4	0.02 - 4
-100	-100	11.36	0.00	0.25	0.00 - A4	0.00 - A4	0.03 - 4	0.01 - 4
-150	-150	16.26	0.00	0.44	0.00 - A4	0.00 - A4	0.06 - 4	0.03 - 4
-200	-201	20.40	0.00	0.00	0.00 - A4	0.00 - A4	0.00 - 4	0.00 - 4
-250	-252	23.61	0.00	0.39	0.00 - A4	0.00 - A4	0.05 - 4	0.03 - 4
-300	-302	26.47	0.00	0.00	0.00 - A4	0.00 - A4	0.00 - 4	0.00 - 4
-450	-454	33.14	0.00	0.32	0.00 - A4	0.00 - A4	0.04 - 4	0.02 - 4
-600	-600	40.03	0.00	0.32	0.00 - A4	0.00 - A4	0.04 - 4	0.02 - 4

### 2. Air Permeability pressure / Air Permeability suction

Pressure		Qc	Qfc	Qtc	fixed surface	fixed joints	window surface	window joints
Desired	Actual	m <sup>3</sup> /h	m <sup>3</sup> /h	m <sup>3</sup> /h	(m <sup>3</sup> /m <sup>2</sup> *h)-class	(m <sup>3</sup> /m*h)-class	(m <sup>3</sup> / (m <sup>2</sup> *h)-class	(m <sup>3</sup> /m*h)-class
+								
50	0	0.00	0.00	0.00	0.00 - A4	0.00 - A4	0.00 - 0	0.00 - 0
100	0	0.00	0.00	0.00	0.00 - A4	0.00 - A4	0.00 - 0	0.00 - 0
150	0	0.00	0.00	0.00	0.00 - A4	0.00 - A4	0.00 - 0	0.00 - 0
200	0	0.00	0.00	0.00	0.00 - A4	0.00 - A4	0.00 - 0	0.00 - 0
250	0	0.00	0.00	0.00	0.00 - A4	0.00 - A4	0.00 - 0	0.00 - 0
300	0	0.00	0.00	0.00	0.00 - A4	0.00 - A4	0.00 - 0	0.00 - 0
450	0	0.00	0.00	0.00	0.00 - A4	0.00 - A4	0.00 - 0	0.00 - 0
600	0	0.00	0.00	0.00	0.00 - A4	0.00 - A4	0.00 - 0	0.00 - 0
-								
-50	0	0.00	0.00	0.00	0.00 - A4	0.00 - A4	0.00 - 0	0.00 - 0
-100	0	0.00	0.00	0.00	0.00 - A4	0.00 - A4	0.00 - 0	0.00 - 0
-150	0	0.00	0.00	0.00	0.00 - A4	0.00 - A4	0.00 - 0	0.00 - 0
-200	0	0.00	0.00	0.00	0.00 - A4	0.00 - A4	0.00 - 0	0.00 - 0
-250	0	0.00	0.00	0.00	0.00 - A4	0.00 - A4	0.00 - 0	0.00 - 0
-300	0	0.00	0.00	0.00	0.00 - A4	0.00 - A4	0.00 - 0	0.00 - 0
-450	0	0.00	0.00	0.00	0.00 - A4	0.00 - A4	0.00 - 0	0.00 - 0
-600	0	0.00	0.00	0.00	0.00 - A4	0.00 - A4	0.00 - 0	0.00 - 0

# Test protocol

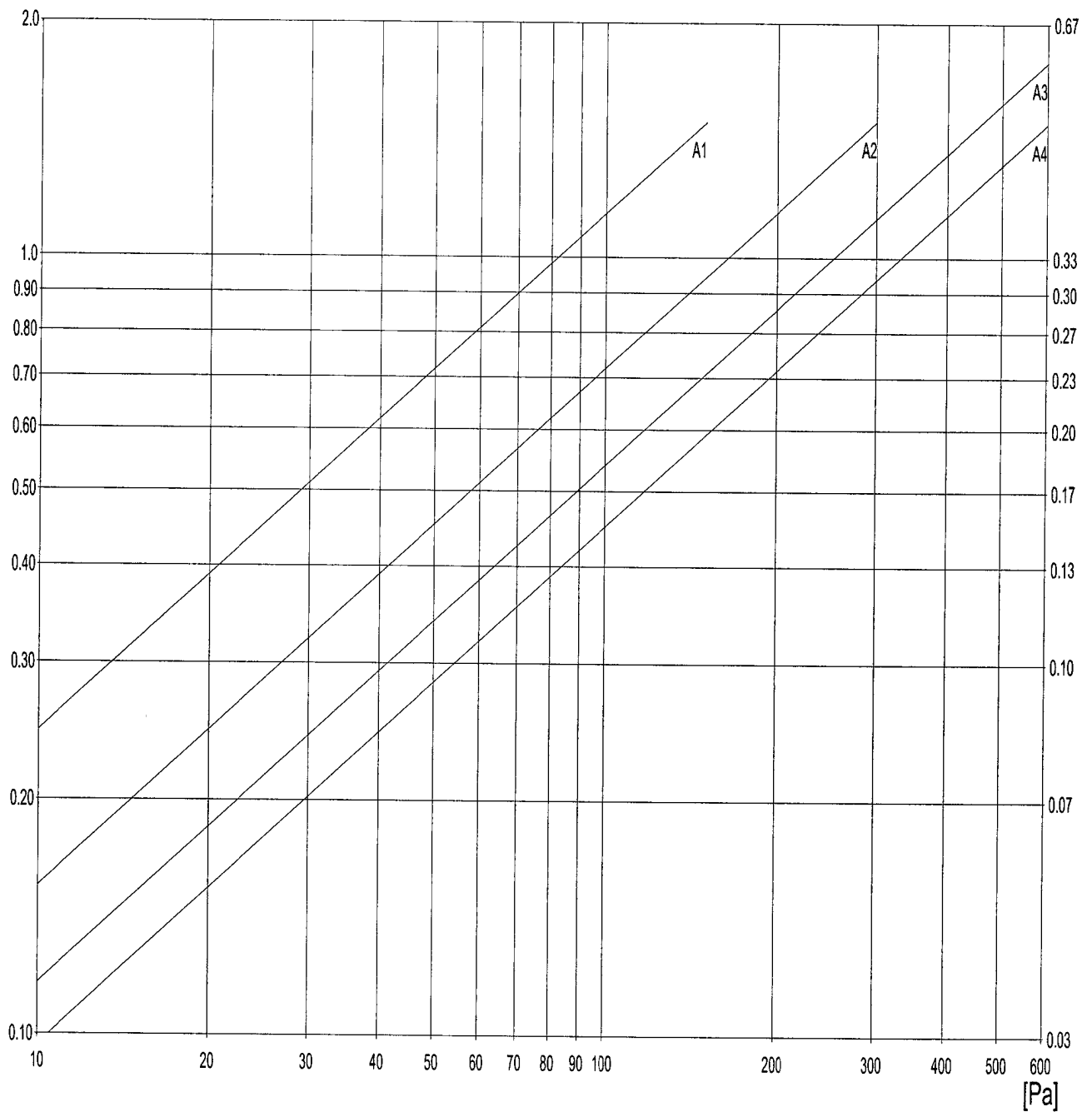
**MS Aluminium LTD,**



Air Permeability pressure:

m<sup>3</sup>/hm<sup>2</sup> Façade surface

Length opened joints

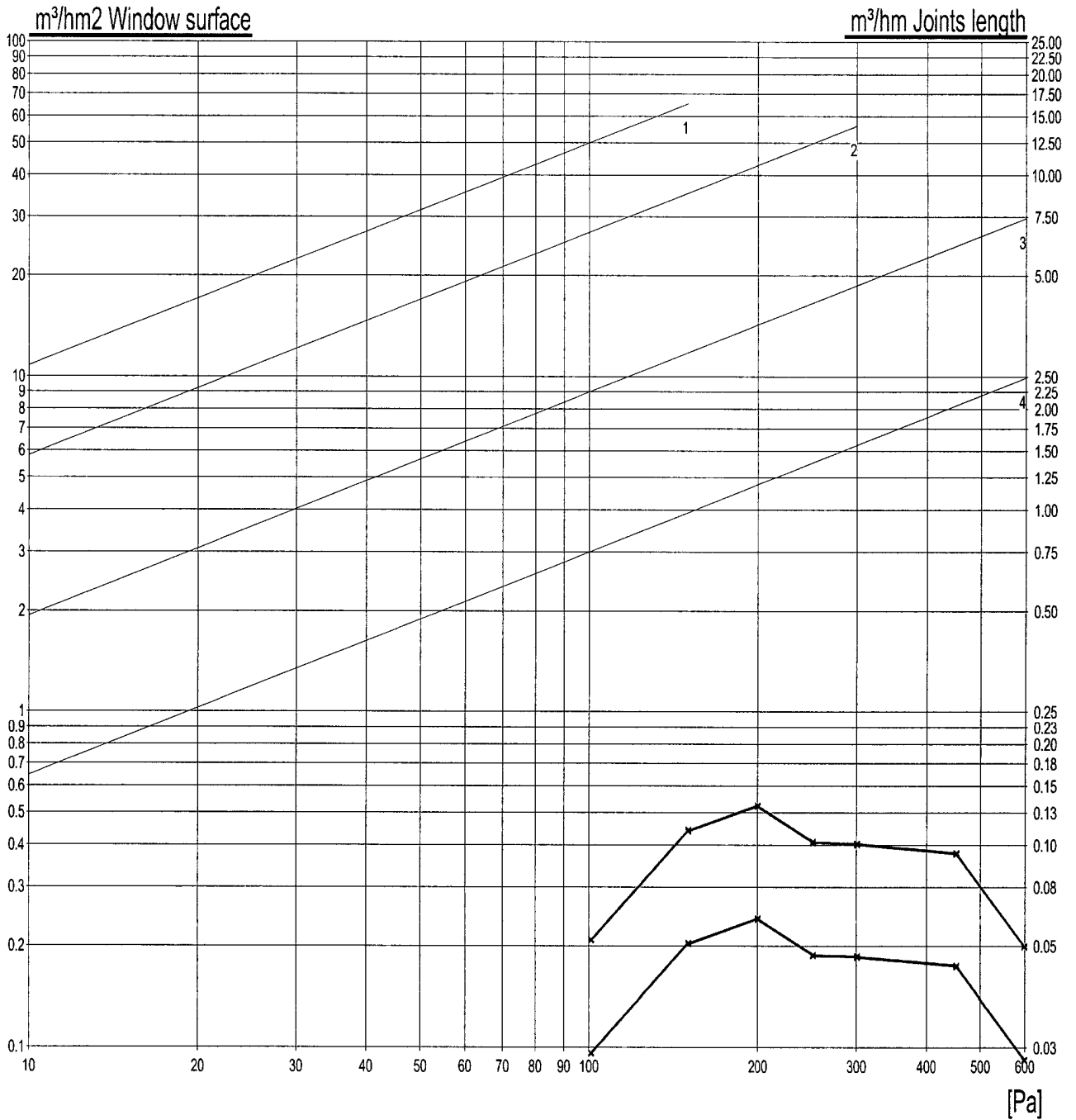


# Test protocol

**MS Aluminium LTD,**



Air Permeability pressure:

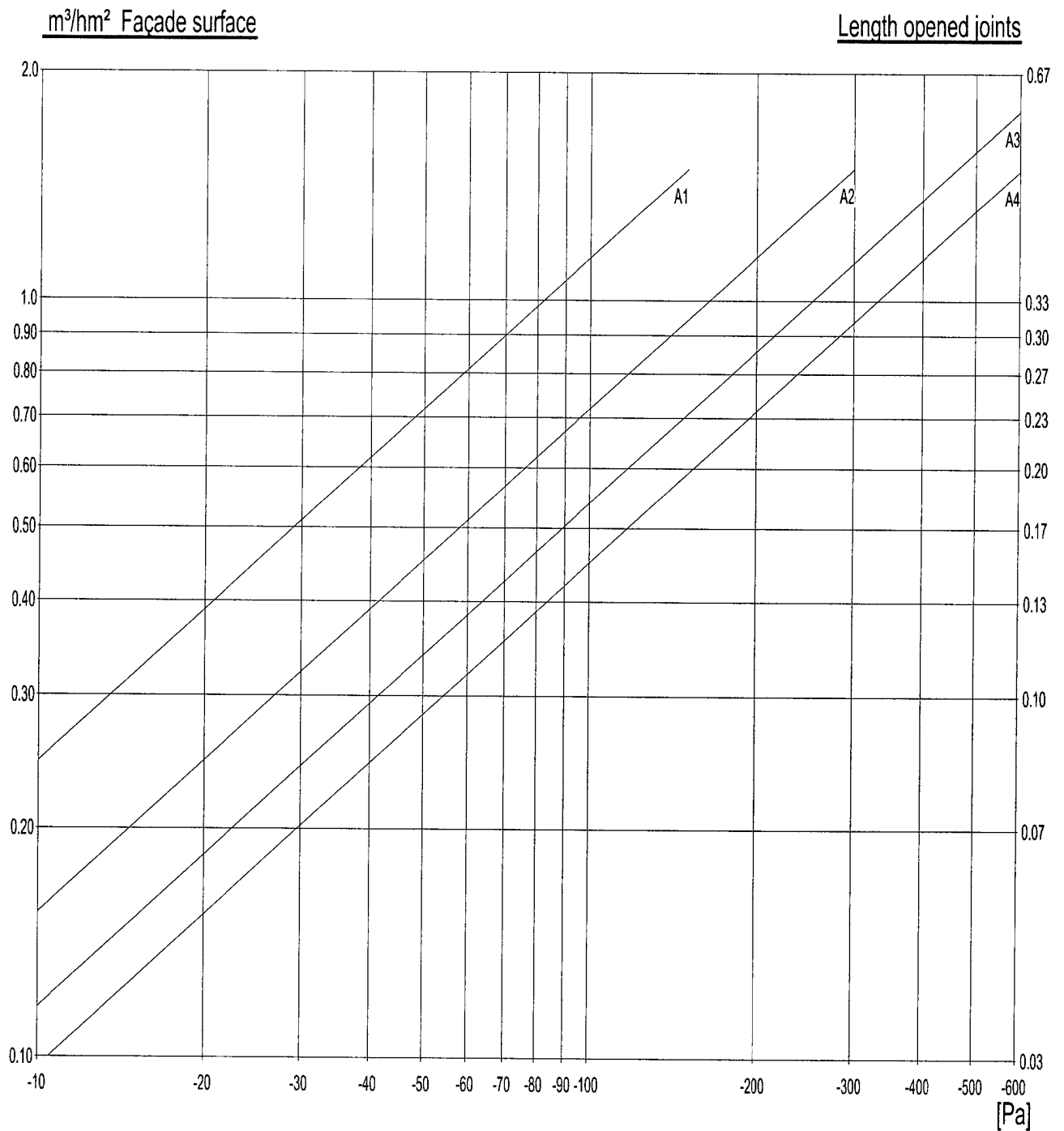


# Test protocol

**MS Aluminium LTD,**



Air Permeability suction:

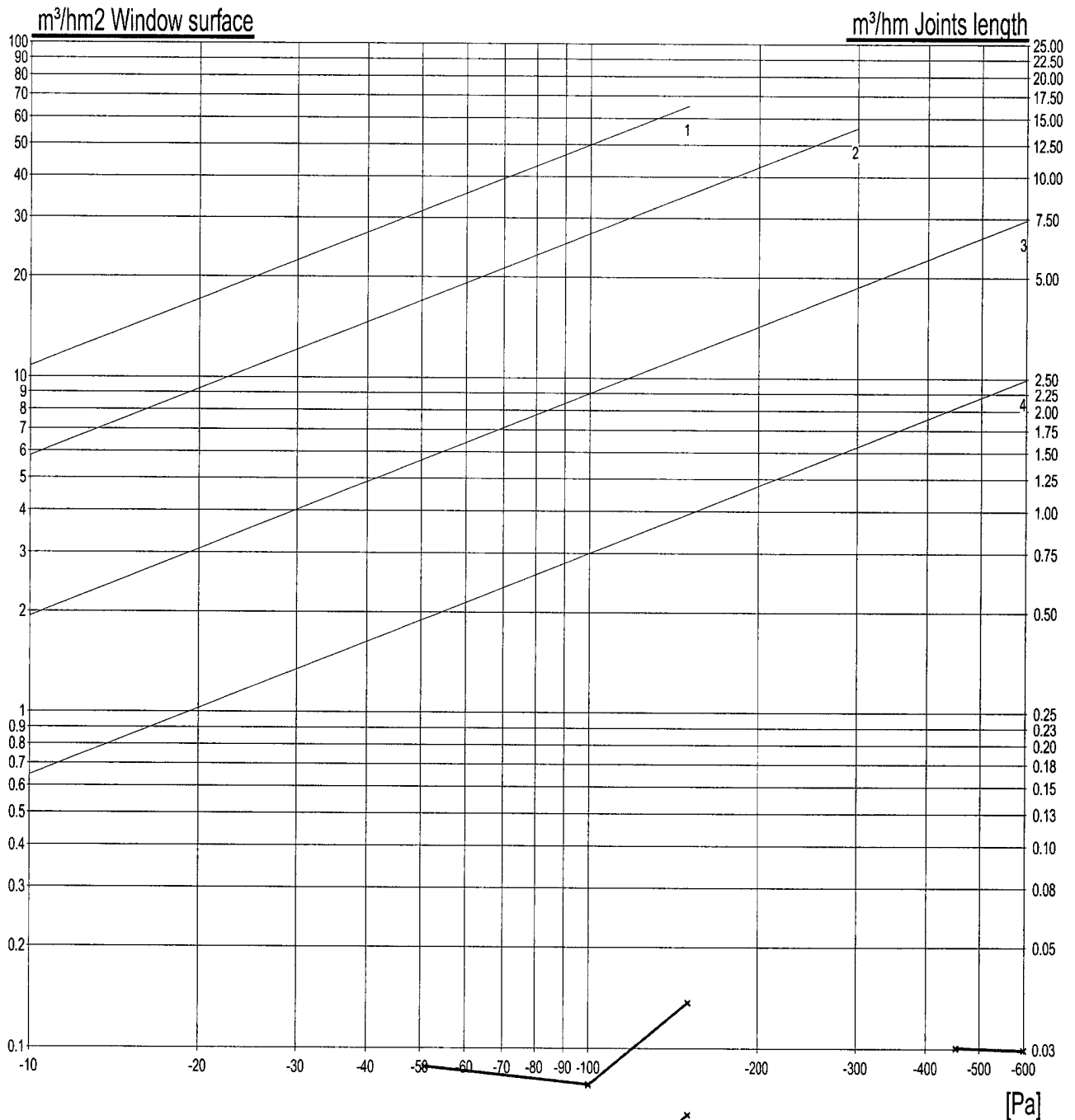


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Air Permeability suction:



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## Watertightness: EN 12154

Watertightness- static pressure -


Temperature: 30 Celsius    Humidity: 75 %    Air pressure: 1013.0 HPa  
 Litre/m<sup>2</sup>/min:0.0    Total: Actual:12.0    Active:2.6

Pressure		Time	Remark
Desired	Actual		
0	0	00:15:00	-
50	0	00:05:00	-
100	0	00:05:00	-
150	0	00:05:00	-
200	0	00:05:00	-
250	0	00:05:00	-
300	0	00:05:00	-
450	0	00:05:00	-
600	0	00:05:00	-

Watertightness class: R0

Locating of the water entrances :

Probable cause of the possible error :

לא נראו דליפות מים  
 אפשרי למעט  
  
 מ.ש. אלומיניום בע"מ  
 ח.פ. 511388902