

DITEC SPA  
Via G. Pascoli 30  
30020 - QUARTO D'ALTINO (VE)



Test report No.	326/10
It is made up of	5 pages of test report and 3 pages of attachments
- dated	2010-03-15
- request	321
- dated	2010-01-25
It refers to	
- item	Hermetic sliding door system.
- size/features	Width and height                      3,300x2,450 m Overall surface                              9,275 m <sup>2</sup> Length of the opening joints              7,000 m
- model	VALOR HS LT=3238mm PAMH60 PL=1400mm PH=2100mm.
- manufacturer	DITEC ENTREMATIC Via G. Pascoli 30 - 30020 - QUARTO D'ALTINO (VE)
- item No.	CERT 321/10
- date of arrival	2010-02-10
- date of the tests	2010-02-12

**Sede Legale:**  
c/o Camera di Commercio  
Industria Artigianato Agricoltura  
P.zza Borsa, 3/B  
31100 Treviso (TV)  
Tel. 0422/5951  
www.tv.camcom.it

**Sede Principale:**  
Centro Cristallo, Via Roma, 4  
31020 Lancerigo di Villorba (TV)  
Tel. 0422/608858 - Fax 0422/608866  
Videoconferenza 0422/910201  
Cod. Fisc. - P.IVA 04026520264  
www.tvtecnologia.it  
info@tvtecnologia.it

**Sede Operativa:**  
CERT Centro Certificazione e  
Test di Treviso Tecnologia  
Via Pezza Alta, 34  
31046 Rustignè di Oderzo (TV)  
Tel. 0422/852016 - Fax 0422/852058  
Videoconferenza 0422/852138  
www.tvtecnologia.it  
cert@tvtecnologia.it

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The results presented in this report refer only to the samples tested.  
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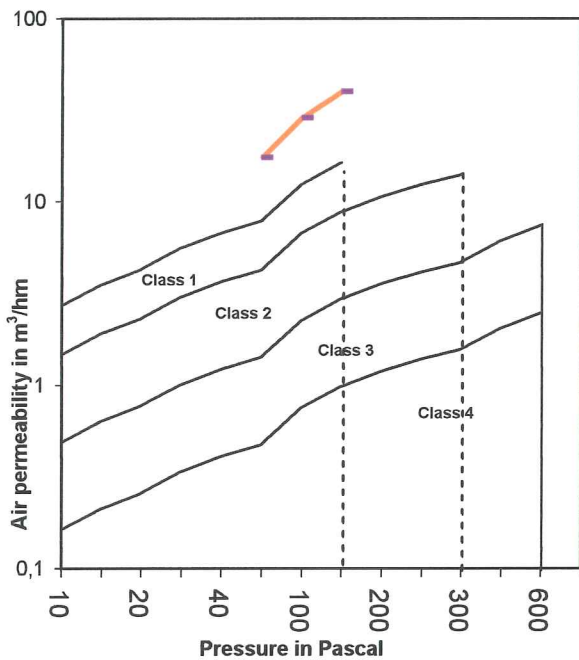
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**UNI EN 1026(2001) - UNI EN 12207(2000) Air permeability test**

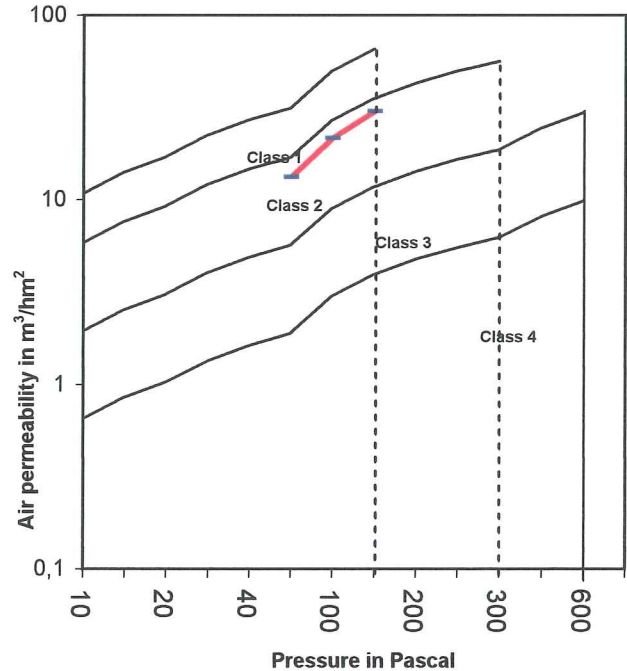
- Environmental testing conditions: Temperature: 15,0 °C  
 Humidity: 36,0 % R.H.  
 Atmospheric pressure: 101 kPa

Pressure [Pa]	Leakage		
	Total [m <sup>3</sup> /h]	Referred to the overall surface [m <sup>3</sup> /hm <sup>2</sup> ]	Referred to the opening perimeter [m <sup>3</sup> /hm]
50	122,6	13,22	17,51
100	200,5	21,62	28,64
150	280,2	30,21	40,03
200	---	---	---
250	---	---	---
300	---	---	---
450	---	---	---
600	---	---	---

Graph referred to the opening perimeter



Graph referred to the overall surface



- Class referred to the overall area: Class 2
- Class referred to the opening perimeter: Unclassifiable

**- Final class of the sample: Class 1**

- Machines/equipment used: VHE-type Holten test bench.
- Description of the test: The test was carried out according to UNI EN 1026(2001) and UNI EN 12207(2000) standards.
- Conditioning: Before carrying out the test, the sample had been conditioned for 4 hours at 20°C ± 10°C and 50% ± 25% R.H..
- Notes: ---
- Date of the test: 2010-02-12

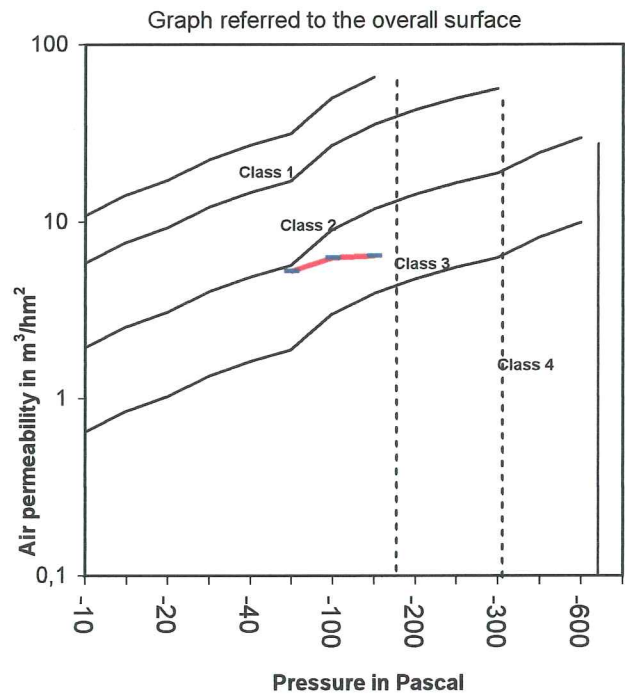
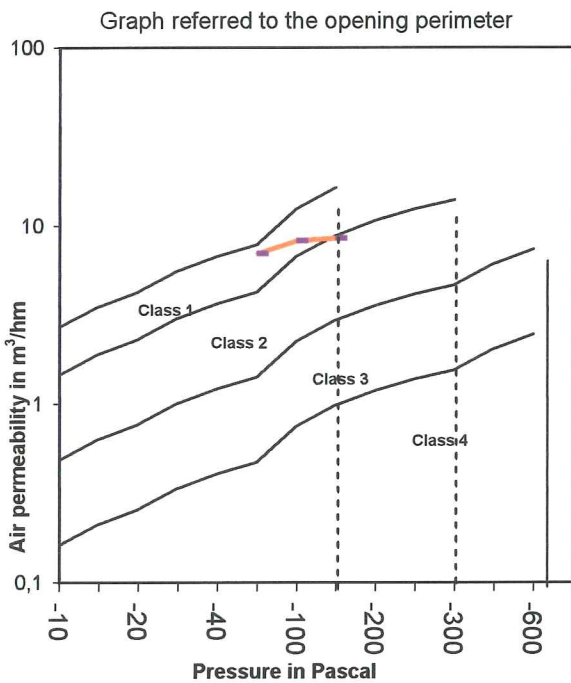
The results presented in this report refer exclusively to the sample described in this report.  
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**UNI EN 1026(2001) - UNI EN 12207(2000) Air permeability test**

- Environmental testing conditions: Temperature: 15,0 °C  
 Humidity: 36,0 % R.H.  
 Atmospheric pressure: 101 kPa

Pressure [Pa]	Leakage		
	Total [m <sup>3</sup> /h]	Referred to the overall surface [m <sup>3</sup> /hm <sup>2</sup> ]	Referred to the opening perimeter [m <sup>3</sup> /hm]
-50	48,9	5,27	6,99
-100	57,8	6,23	8,26
-150	59,5	6,42	8,50
-200	---	---	---
-250	---	---	---
-300	---	---	---
-450	---	---	---
-600	---	---	---



- Class referred to the overall area: Class 3  
 - Class referred to the opening perimeter: Class 1

**- Final class of the sample: Class 2**

- Machines/equipment used: VHE-type Holten test bench.  
 - Description of the test: The test was carried out according to UNI EN 1026(2001) and UNI EN 12207(2000) standards.  
 - Conditioning: Before carrying out the test, the sample had been conditioned for 4 hours at 20°C ± 10°C and 50% ± 25% R.H..  
 - Notes: The sample is class 1 as far as the average air permeability level is concerned according to point 4.14 of the UNI EN 14351-1 standard of 2006.  
 - Date of the test: 2010-02-12

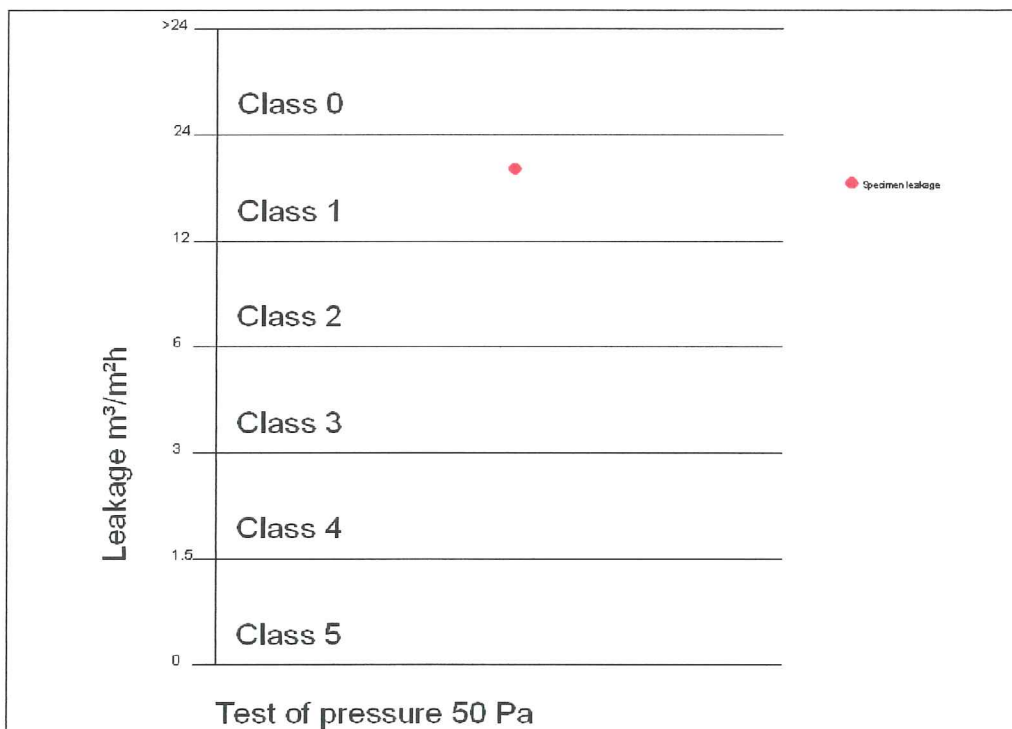
The results shown in this report refer to:  
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Test report No. 326/10

**UNI EN 12426(2001) - UNI EN 12427(2002) Air permeability test**

- Environmental testing conditions: Temperature: 15,0 °C  
 Humidity: 36,0 % R.H.  
 Atmospheric pressure: 101 kPa

Pressure [Pa]	Class	Permeability at a pressure of $\Delta p$ 50 Pa [ $m^3/m^2h$ ]	Specimen leakage
50	0	>24	16,890
	1	24	
	2	12	
	3	6	
	4	3	
	5	1,5	



**- Final class of the sample: Class 1**

- Machines/equipment used: VHE-type Holten test bench.
- Description of the test: The test was carried out according to UNI EN 12426(2001) and UNI EN 12427(2002) standards.
- Conditioning: Before carrying out the test, the sample had been conditioned for 4 hours at 20°C ± 10°C and 50% ± 25% R.H..
- Notes: ---
- Date of the test: 2010-02-12

*I risultati riportati nel seguente rapporto si riferiscono alla  
 La riproduzione del presente documento è ammessa.*

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### Uncertainty of measurement

- The expanded uncertainty expressed in a relative form of the air permeability test and the wind load resistance test is equal to:

$$\dot{U}(V_0) = k \cdot \dot{u}(V_0)$$

assuming as a coverage factor  $k = 2$ , corresponding to a confidence level of 95%

where  $\dot{u}(V_0)$  is equal to:

$$\sqrt{\dot{u}(P_x)^2 + \dot{u}(T)^2 + \dot{u}(V_x)^2} = \sqrt{\left(\frac{159,6}{P_x}\right)^2 + \left(\frac{0,23}{T}\right)^2 + (1,01 \cdot 10^{-2})^2}$$

where:

$P_x$  is the atmospheric pressure measured, reported at page 2 of the test report;

$T$  is the temperature measured, reported at page 2 of the test report;