



Italia

# TEST REPORT RAPPORTO DI PROVA

## TEST REPORT IN ACCORD TO CLIENT PROCEDURE

*Test Report in accordo alla procedura cliente*

Revision no. 00 Date: 29/03/2022

### Customer (Richiedente):

- Dept./Firm (Ente/Società): VILLES S.r.l.
- Mr./Mrs (Sig./Sig.ra.): Franco Villa
- Address (Indirizzo): Via Castoldi 6/8 I-20090 Trezzano sul Naviglio (MI)

Test Request Form no.:  
Modulo Richiesta Prova n.:

1878820

Test Report sent to:  
Rapporto inviato a:

Franco Villa

Name and Signature of the test engineer:  
Nome e Firma esecutore prova:

Alessandro De Marco

Name and Signature of the Technical reviewer:  
Nome e Firma del Revisore tecnico:

Andrea Rotundo

Date of test samples receipt:  
Data ricevimento campioni:

N/A - Tests carried out by the Customer

Date of test execution:  
Data esecuzione prove:

From 08/03/2022 to 29/03/2022

Site of test execution:

Località esecuzione prove:

Via Brandizzo 123 I-10088 Volpiano TO Italy

Villes S.r.l. - Via Castoldi 6/8 I-20090 Trezzano sul Naviglio (MI)

Witness to the test:

Presenti alle prove:

Franco Villa

The test results contained in this Test report relate to the tested samples only as received.

*I risultati del presente rapporto di prova si riferiscono esclusivamente al campione sottoposto a prova così come ricevuto.*

The integral reproduction of the present Test report is allowed; the partial reproduction must be authorized in writing by the Lab.

*E' ammessa la riproduzione integrale del presente Rapporto di prova da parte del Richiedente; la riproduzione parziale dev'essere autorizzata per iscritto dal Laboratorio.*

I dati forniti dal cliente di cui il laboratorio declina la responsabilità verranno identificati con carattere sottolineato.

The data provided by the customer for which the laboratory declines the responsibility will be identified with an underlined character

Form: ITA\_F\_09.01E (Rev.26-15 Feb 2021)

Test report n.: MES1878820A00TR  
Revision: 00  
Document name: MES1878820A00TR\_E

Project handler:  
Luca Pitti  
Issue date: 29/03/2022

Phone: +39 011037221  
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## 1 TEST SETUP

SETUP DI PROVA

### 1.1 SAMPLE IDENTIFICATION

IDENTIFICAZIONE CAMPIONE

<b>1.1.1 Product/material subjected to test:</b> <i>Prodotto/materiale sottoposto a prova:</i>	Art. 5922 and rail Art. 5901
<b>1.1.2 Description:</b> <i>Descrizione:</i>	Sliding system with soft closing and soft opening.
<b>1.1.3 Level (Series product, prototype, etc.):</b> <i>Livello (Prodotto di serie, prototipo, ecc.):</i>	Series
<b>1.1.4 Part number:</b> <i>Codice prodotto:</i>	Art. 5922
<b>1.1.5 Serial number:</b> <i>N° Matricola:</i>	None
<b>1.1.6 Sample identification code:</b> <i>Codice identificativo del campione:</i>	N/A – Tests from the Customer
<b>1.2 AUXILIARY DEVICES</b> <i>DISPOSITIVI AUSILIARI</i>	None
<b>1.3 TEST CONFIGURATION</b> <i>CONFIGURAZIONE DI PROVA</i>	Customer request
<b>1.4 DIAGNOSTIC SYSTEM</b> <i>SISTEMA DIAGNOSTICO</i>	Visual Check

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**2 TEST LIST**  
*ELENCO DELLE PROVE*

Test Description	Reference document	Standardized	Differencies
<b>2.1 FATIGUE TEST</b> <i>TEST DI FATICA</i>	Customer procedure	No	No

Note 1:  
N/A

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**3 TEST EQUIPMENT USED**  
*APPARECCHIATURE UTILIZZATE*

Description	Manufacturer	Model	Serial no./ID	Used in test n.:
N/A	N/A	N/A	N/A	N/A

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**4 ENVIRONMENTAL CONDITIONS**  
*CONDIZIONI AMBIENTALI*

- 4.1 ROOM TEMPERATURE**  
*TEMPERATURA AMBIENTE* Not required
- 4.2 RELATIVE HUMIDITY**  
*UMIDITA' RELATIVA* Not required
- 4.3 PRESSURE**  
*PRESSIONE* Not required

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## 5 MEASUREMENT UNCERTAINTY

*INCERTEZZA DI MISURA*

Measurement uncertainties was estimated as expanded uncertainty obtained multiplying the standard uncertainty by the coverage factor  $k$  corresponding to a confidence level of about 95%. Declared uncertainties are obtained with factor  $k=2$  except if otherwise specified.

Measurement	Expanded uncertainty	Found in test n.:
N/A	N/A	N/A
N/A	N/A	N/A

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## 6 SAMPLING PLAN

*PIANO DI CAMPIONAMENTO*

TUV Italia does not carry out sampling and is not responsible for any sampling carried out by the customer.

Sample selected by the customer.

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## 7 TEST AND/OR MEASUREMENT RESULTS

*RISULTATI DELLE PROVE E/O MISURE*

### 7.1 FATIGUE TEST

*PROVA DI FATICA*

"Decision rule: The decision rule "Binary statement for simple acceptance" according to ILAC-G8 will be applied."

The level of risk to false accept and false reject items is described on ILAC-G8

#### 7.1.1 SET-UP

*PREPARAZIONE*

Mechanical system for open and closed the door, with a 1-meter in-out run and 1 meter in return. The following components were used to perform the test:

- Art: 5901 (Rail that accommodates the hinge under test);
- Art: 5922 (Hinge under test);
- Art: 5905 (Guide wheel located in the lower part of the floor door).

#### 7.1.2 TEST DESCRIPTION

*DESCRIZIONE DELLA PROVA*

Fatigue test of 50.000 opening and closing cycles with 250 kg of total mass as follows:

- Door weight = 50 kg;
- Mass weight = 200 kg.

The test started on 08/03/2022 and ended on 29/03/2022.

#### 7.1.3 TEST RESULTS

*RISULTATI DI PROVA*

At the end of the test, the product was not damaged and maintained its full functionality.

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**8 REMARKS**

NOTE

None

**Change records.**

<b>Issue</b>	<b>Date</b>	<b>Change records</b>	<b>Author</b>

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## 9 APPENDIX APPENDICE

### 9.1 PHOTO DOCUMENTATION DOCUMENTAZIONE FOTOGRAFICA

Art: 5922



Setup



Product after test



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## 9.2 ATTACHMENTS ALLEGATI

None

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**FINE DEL RAPPORTO DI PROVA  
END of TEST REPORT**

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