

Test Report No.: IT14/1847-00
Applicant: MARTIN S.r.l.
IT – 25050 PROVAGLIO D'ISEO (BS)
Type: 70070



TEST REPORT

No.: IT14/1847-00

issued by

FAKT S.r.l.

Via Lithos, 53 IT - 25086 Rezzato (BS)

concerning the execution of tests as listed at point 2. below:

1. General information

- 1.0. Equipment under test: Stainless steel closing system
- 1.1. Trade mark: MARTIN S.r.l.
- 1.2. Type: 70070
- 1.2.1. Version: --
- 1.3. Identification: C-14/0652 (1)
- 1.3.1. Part No. identification: --
- 1.4. Applicant's name and address: MARTIN S.r.l.
Via Cave, 1
IT – 25050 PROVAGLIO D'ISEO (BS)
- 1.5. Applicant represented during the test by the following person(s): --
- 1.6. Date of receipt of test objects: 25.11.2014
- 1.7. Remarks: --

The publication or duplication of this test report/protocol with enclosures, or Part of this test report/protocol or enclosures, without a written consent of the test laboratory is not permitted. The test results and observations indicated in this test report/protocol refer exclusively to the samples tested. It is not permitted to transfer the results to other systems or configurations.

2. Test sequence and results

2.1. Regulations/Deviations:

The following reference for the performed tests has been used:

A: EN 60529

The tests have been carried out according to the specific requirements mentioned in the above standard and according to the applicant's requirements with the following sequence:

Standard reference (as indicated above) and relevant clause(s)	Description	Sample
A	Dust test (IP6X)	C-14/0652 (1)
A	Temporary immersion test (IPX7)	C-14/0652 (1)

2.2. Test results:

Standard reference (as indicated above) and relevant clause(s)	Description	Sample	Result	Documentation	
				Protocol	Enclosure
A	Dust test (IP6X)	C-14/0652 (1)	Passed (*)	IT14/1847-00/01	01
A	Temporary immersion test (IPX7)	C-14/0652 (1)	Passed	IT14/1847-00/02	02

(*) The internal check was carried out after the IPX7 test (see test protocol IT14/1847-00/02 and attached photos).

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3. Enclosures:

2 test protocols (4 pages)

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This report includes 3 pages and 2 enclosures.

Rezzato, 10.12.2014

sb/ns

File No.:



PR-14/0652

A handwritten signature in black ink, appearing to read "S. Baruffolo".

S. Baruffolo

The Responsible for the tests

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Applicant: MARTIN S.r.l.
IT – 25050 PROVAGLIO D'ISEO (BS)
File No.: 2014/0652
Type: 70070
Sample No.: C-14/0652 (1)
Environmental conditions: Ambient temperature: (20 ± 3)°C
Relative humidity: (44 ± 10) %

Mode of operation: Powered @ xx,x V_{DC}
 Not Powered

Regulations: IP6X according to EN 60529 standard and acc. to the applicant's requirements.

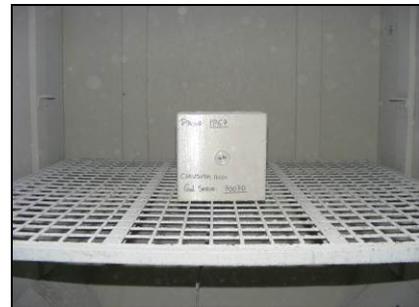
Test specification:

Dust test:

The test sample, assembled on a metallic box by the applicant, was placed in the cubical dust test cabinet as agreed with the applicant and subjected to the following test conditions:

Test dust: Talcum
Test duration: 8h
Inside sample depression: 20 mbar
Extracted air volume: 0 m³
Dust suspension method: Continuous vertical direction flow (circulation pump)

Photo test set-up:



Used equipment: IP Dust Chamber ACS SD1000 F (ITST06028).
Performance criteria: No observable deposit of dust inside the sample at the end of the test.
Result: No visible dust penetration after the opening of the box. The sample was not opened immediately after the test.
Remarks: The internal check was carried out after the IPX7 test (see test protocol IT14/1847-00/02 and attached photos).
Classification: Passed Not passed n.a.
Date of test: 02.12.2014
Test location: FAKT S.r.l. – Rezzato (BS)
Operator: S. Tuana

Photos of sample C-14/0652 (1) after the IP6X test



Applicant: MARTIN S.r.l.
IT – 25050 PROVAGLIO D'ISEO (BS)
File No.: 2014/0652
Type: 70070
Sample No.: C-14/0652 (1)
Environmental conditions: Ambient temperature: (21 ± 3) °C
Relative humidity: (55 ± 5) %

Mode of operation: Powered @ xx,x V_{DC}
 Not Powered

Regulations: IPX7 according to EN 60529 standard and acc. to the applicant's requirements.

Test specification:

Temporary immersion test:

The test sample was immersed in the test tank and subjected to the following test parameters:

Water-level on enclosure: 1 m

Test duration: 30 min

Photo test set-up:



Used equipment: IPX7 test system (ITAP06057).

Performance criteria: Water shall not penetrate in a quantity causing harmful effects.

Result: After the opening of the box, no visible presence of water.
No visible damage was detected after the test.

Remarks: --

Classification: Passed Not passed n.a.

Date of test: 05.12.2014

Test location: FAKT S.r.l. – Rezzato (BS)

Operator: S. Tuana

Photos of sample C-14/0652 (1) after the IPX7 test



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