

# SUMMARY REPORT

## RESULTS

FEV005/22

11/03/2022



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### DESCRIPTION OF TESTED PRODUCT\*

**FUTURA 7100** – Aluminium door hinge for European groove, developed to support heavy weight with eccentric axis in 304 stainless steel pin and 3D regulation system.

**Internal reference** FEV005A/21 and REV008A/21

**Customer reference\*** FUTURA 7100

### BASED ON THE FOLLOWING TEST REPORTS

- **Corrosion resistance (nac):** FEV026/21 from 10<sup>th</sup> September 2021
- **Initial measurements:** FEV001/22 from 19<sup>th</sup> January 2022
- **Static load:** FEV002/22 from 19<sup>th</sup> January 2022
- **Durability:** FEV003/22 from 19<sup>th</sup> January 2022

### PERFORMED TESTS AND RESULTS

Characterisation performed in accordance with EN 1935:2002/AC:2003 standard – *Building hardware - Single-axis hinges - Requirements and test methods* and EN 1670:2007 standard - *Building hardware - Corrosion resistance - Requirements and test methods*.

TEST	TEST SITE	ENVIRONMENTAL CONDITIONS	OBSERVATIONS	RESULT / CLASSIFICATION
Classification of corrosion resistance of building hardware based on performance in a neutral salt spray test [EN 1670:2007; ISO 9227:2017]	Itecons	---	(nac)	Grade 3 (96 hours)
Determination of initial measurements of hinges [EN 1935:2002/AC:2003 (section 6.4)]	Itecons	---	---	Hinge Grade 7
Static load test of hinges [EN 1935:2002/AC:2003 (section 7.3)]	Itecons	---	---	Hinge Grade 7
Durability test of hinges [EN 1935:2002/AC:2003 (section 7.5)]	Itecons	---	---	Hinge Grade 7

For the purpose of issuing a declaration of conformity for the initial measurements, static load and durability tests in accordance with EN 1935:2002/AC:2003 standard, the measurement uncertainty associated with the results was not considered.

This Report does not contain all the information required by NP EN ISO/IEC 17025, as agreed with the customer, which may be provided upon request.

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Technical responsibility

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Validated document

#### REMARKS:

This report is not a replacement for the individual test reports which served as its basis. For a complete analysis and interpretation of the results see individual test reports.

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The presented results refer exclusively to the tested specimens and apply to the sample(s) as received.

Data reported with \* was supplied by the customer, who has the sole responsibility for the accuracy of the information.

The parameter(s) marked with "(nac)" is (are) outside the scope of Itecons' accreditation.