





ATRIUM Sp.j. M.T. Piechowicz 41-100 Siemianowice Śląskie, ul. Konopnickiej 11, T: +48 (032) 609 00 00, F: +48 (032) 609 19 00, E-mail: atrium@atriumsystem.eu, konto: ING Bank Śląski o/Siemianowice Śląskie PL 34 1050 1357 1000 0010 0169 8669, NIP: 634-00-21-820, Nr KRS 0000096718, Sąd Rejonowy w Katowicach

* * * * * * * * * * * schody stairs scale

The declaration of performance No. 3/I-XII/2023/K/21

• IDENTYFICATION CODE OF THE PRODUCT TYPE:

3/I-XII/2023/K/AN/AP/AM/AA/21

• INTENDED USE:

Spiral stairs Atrium NOVO, Atrium PRIMO, Atrium MILLA, Atrium PRESTO, Atrium ALTO are intended for use as indoor stairs in buildings category A according to EN 1990.

Use conditions:

- air temperature between +5°C to +30°C
- relative air humidity from 30% to 70%;

Installation:

- installation only in the way as specified in the Manufacturer's Installation Guide
- installation of the timber components when moisture content of the timber components is 8±2%
- installation of the steps without significant defects and cracks
- installation of the steps without imposed deformations

| • MANUFACTURER: | ATRIUM SP. J. M. T. Piechowicz |
|-----------------|--------------------------------|
| | ul. M. Konopnickiej 11 |
| | 41-100 Siemianowice Śląskie |

 SYSTES OF ASSESSMENT AND VERIFICATION OF CONSTANCY OF PERFORMANCE:

2+

EUROPEAN ASSESSMENT DOCUMENT:

EAD 340006-00-0506 'Prefabricated stair kits'

• EUROPEAN TECHNICAL ASSESSMENT: ETA-18/0183 dated 23.04.2021

TECHNICAL ASSESSMENT BODY:

Instytut Techniki Budowlanej (NANDOCPD no. 1488)

NOTIFIED BODY: Instytut Techniki Budowlanej
(NANDOCPD no. 1488)

• DECLARED PERFORMANCE:











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LOAD CAPACITY AND STABILITY (1)

| Item | Basic requirements | Performance characteristics |
|------|---|--|
| 1 | Load-bearing capacity | Vertical variable uniformly distributed load: Diameter 120 cm: 3 kN/m ² Diameter 140 cm: 3 kN/m ² Diameter 160 cm: 3 kN/m ² |
| 2 | Prevention of progressive collapse | Failure of individual components of the stair does not lead to progressive collapse of the complete stair |
| 3 | Residual load-bearing capacity | Local material failure does not lead to an abrupt loss of load-bearing capacity of the steps |
| 4 | Long-term behavior | Load-bearing capacity are ensured under an appropriate use and maintenance over the indicated working life |
| 5 | Resistance to earthquakes | No performance assessed |
| 6 | Vibration behavior | The proper oscillation frequency: $f \ge 5.0$ Hz (inclusive a single load of 1 kN)
The deflection under a single load $F = 1$ kN: $W \le 5$ mm |
| 7 | Durability against physical, chemical and biological agents | Adequate resistance for the intended use under an appropriate use and maintenance |

FIRE SAFETY (2)

| Item | Basic requirements | Performance characteristics |
|------|--------------------|---|
| 1 | Reaction to fire | The steel components: class A1 according to EN |
| | | 13501-1 (without need for testing according to |
| | | the Commission Decision 96/603/EC amended by |
| | | the Commission Decision 2000/605/EC and |
| | | 2003/424/EC) |
| | | The steps made of solid wood: class D-s2, d0 |
| | | according to EN 13501-1 (without need for testing |
| | | according to the Commission Decision |
| | | 2007/348/EC) |
| 2 | Fire resistance | No performance assessed |

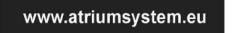
HYGIENE, HEALTH AND ENVIRONMENT (3)

The product does not contain harmful and dangerous substances defined in the EU database.









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SAFTY IN USE (4)

| Item | Basic requirements | Performance characteristics |
|------|----------------------------|---|
| 1 | Slipperiness | No performance assessed |
| 2 | Safety equipment | No performance assessed |
| 3 | Safe breakage of materials | No brittle failure of individual components |
| 4 | Impact resistance | No performance assessed |

The performance of the products identified above is in accordance with the set of declared performance. This declaration of performance has been issued in accordance with Regulation (EU) no 305/2011 under the sole responsibility of the manufacturer identified above.

Signature on behalf of the manufacturer:

Tomasz Piechowicz (signature)

Siemianowice Śląskie, dnia 02.01.2023 r.