

To All Members of the Press

October 20, 2025
Nippon Aqua Co., Ltd.
(TSE Prime 1429)

Building Material Air Barrier Test Conducted According to International Standard ASTM E2178

AQUAFOAM NEO, AQUAMOEN NEO, and AQUA HAJIKUN Confirmed to Show Excellent Results

Nippon Aqua Co., Ltd. (Headquarters: Minato-ku, Tokyo; President and Representative Director: Fumitaka Nakamura), which holds the No. 1 share in on-site spray polyurethane foam insulation, conducted an air tightness performance test on its products, "AQUAFOAM NEO," "AQUAMOEN NEO," and "AQUA HAJIKUN," in compliance with ASTM E2178, at the Japan Testing Center for Construction Materials (JTCCM).

Details of this test are introduced in the center's official publication, "Kenzai Shiken Joho" (Building Material Testing Information) Vol. 61, September/October 2025 issue, available on the center's official website.

URL: <https://www.jtccm.or.jp/tech-provision/magazine>



ASTM E2178 is a standard American test method for evaluating the Air Leakage Rate of building materials. It is widely recognized internationally as a standard that can quantitatively evaluate the air barrier performance of a single building material. It is also expected to become an important index for evaluating the airtight performance of buildings in Japan in the future. The results of this test confirmed that all products sufficiently meet the standard and possess high air barrier performance.

We will widely share these results through organizations such as the "Study Group for Realizing and Promoting Systems for Airtightness in Non-Residential Buildings toward Carbon Neutrality" and the "Non-Residential Building Airtightness Guideline Review Committee" hosted by the Architectural Research and Development Consortium, thereby contributing to the promotion of airtightness and energy saving in non-residential buildings. These products will clearly separate their applications into "AQUAMOEN NEO, certified as a non-combustible material," and "AQUAFOAM NEO, for general buildings," strengthening our system to meet diversifying insulation needs across the entire lineup.

The impact of this matter on the financial results for the fiscal year ending December 2025 will be minor.

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[Overview of the Japan Testing Center for Construction Materials (JTCCM)]

Corporate Name: Japan Testing Center for Construction Materials (JTCCM)

Representative: Hiroshi Watanabe, President

Location: JL Nihonbashi Bldg., 1-10-15 Nihonbashi Horidomecho, Chuo-ku, Tokyo

Established: August 1963

URL: <https://www.jtccm.or.jp/>

JTCCM is a neutral third-party testing institution that evaluates the performance, quality, and safety of building materials and structures in the fields of architecture and civil engineering. It handles a wide range of fields, including JIS certification tests, performance evaluations, fire resistance, durability, and environmental testing, contributing to the quality assurance of buildings and the enhancement of technology reliability. With the fairness of a public institution and high technical capability, it is a pillar supporting domestic building material evaluation. Nippon Aqua Co., Ltd. commissions performance tests for insulation materials and waterproofing materials, utilizing the results as proof of product quality and technical evidence.

[Company Overview]

Company Name: Nippon Aqua Co., Ltd.

Listed Market: Tokyo Stock Exchange Prime Market (Securities Code: 1429)

Representative: Fumitaka Nakamura, President and Representative Director

Location: 20th Floor, Taiyo Seimei Shinagawa Building, 2-16-2 Konan, Minato-ku, Tokyo

Established: November 2004

Business Description: Sales and installation of "Aqua Foam" rigid urethane foam for building insulation

Development, manufacturing, and sales of residential energy-saving components

URL: <https://www.n-aqua.jp/en/>

[Key contacts]

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