

# PRODUCT CERTIFICATE

## Stofix Suomi Oy

manufactures

### BRIX -system

The intended use of the BRIX-system is facades. The brick slip panels are fixed with the mounting system made of galvanized steel rails. The air gap between the brick slip panel and the wall structure is in minimum 35 mm. This certificate is based on an initial type assessment of the product, and an initial inspection of the factory and the factory production control according to the assessment requirement SERT R085. The properties of the product have been tested by Eurofins Expert Services Oy. The overview of the results is presented in the table below:

Characteristics	Technical specification	Result (numerical or descriptive)
Reaction to fire	EN 13501-1	A2-s1-d0
Drainability	ETAG 034	Water can be freely drained downwards if it gets through the cladding. Holes and form of rails prevent water collection on the rails or to the load bearing façade. Air gap behind the cladding ventilates air space.
Load bearing capacity of the facade element		
Wind load resistance	ETAG 034, 5.4.1	Cladding resisted wind suction load up to 3200 Pa
Bending resistance	ETAG 034, 5.4.2	Vertical direction average strength 1.1 N/mm <sup>2</sup> Vertical direction characteristic strength 0.7 N/mm <sup>2</sup> Horizontal direction average strength 5.1 N/mm <sup>2</sup> Horizontal direction characteristic strength 4.3 N/mm <sup>2</sup>
Horizontal load capacity of vertical rails	ETAG 034, 5.4.3	Average failure load 2.49 kN
Horizontal load capacity of horizontal rails	ETAG 034, 5.4.3	Average failure load 1.97 kN
Combined horizontal and vertical loads of horizontal rails	ETAG 034	Average failure load 2.63 kN
Vertical load test of whole paneling system	ETAG 034	Average failure load 3.90 kN
Horizontal design load capacity	ETAG 034	2.2 kN/m <sup>2</sup> (2.8 fixings/ m <sup>2</sup> )
Vertical design load capacity	ETAG 034	4.2 kN/m <sup>2</sup> (2.8 fixings/ m <sup>2</sup> )

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As a result of this assessment, BRIX-system can be used in the insulated and non-insulated walls. The system shall be designed and fixed according to the manufacturer's instructions.

This certificate is valid until March 31, 2026 on condition that the product is not essentially changed and the manufacturer and Eurofins Expert Services Oy have a valid certification contract. To check the validity of this certificate, [www.sertifikaattihaku.fi](http://www.sertifikaattihaku.fi). Other conditions are listed on the page 3.

Espoo, December 8, 2023

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Katja Vahtikari  
Manager, Construction Certification

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Jyri Alkio  
Senior Expert, Construction Certification

*The document has been signed electronically*

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Updated December 8, 2023  
Valid until March 31, 2026

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The validity of the certificate will be ended, if the product falls into the scope of CE-marking.

Where reference is made in this certificate to any regulations, publications, standards or other documents, it shall be construed as a reference to such publication in the form of which it is in force at the date of this certificate.

The manufacturer is responsible for the quality and continuous quality control of the product. In granting this certificate, Eurofins Expert Services Oy does not accept responsibility to any person or body for any loss or damage incurred in respect of personal injury arising as direct or indirect result of the use of this product.

The use of the name of Eurofins Expert Services Oy or the name Eurofins in any other form in advertising or distribution in part of this certificate is only permissible with written authorisation from Eurofins Expert Services Oy.

In the update on June 30, 2023, Magnelis steel (ZM 310) was added in the materials of the fixing system. The corrosion resistance of Magnelis steel corresponds the corrosion resistance of the other materials used in the fixing system.

In the update of December 8, 2023 the information of the certificate holder has been updated.