

Technical Document

Manufacturer: Vesivek Tuotteet Oy

Address: Teollisuustie 8, 16300 Orimattila, Finland

Products: RAULI FLAT solarpanel mounting system

The system and its components have been tested to withstand snowy and windy conditions. The tests were conducted in the testing laboratory of Vesivek Tuotteet Oy in the presence of a supervisor from RAULI Solutions Oy. RAULI products have passed comprehensive load tests, ensuring that the system can endure European weather conditions. When designing the system, the impact of the specific solar panel used on the mounting span, as well as on the snow and wind load capacities, must be taken into account.

The tests demonstrated that the Flat bitumen roof attachments can withstand greater snow and wind loads than the mounting structure itself; detailed test reports are available upon request.

The system can withstand a static load of up to 10 kN by adjusting the number of rails and the mounting span.

RAULI Flat system for landscape installation:

Snow load capacity with a 1800 mm mounting span: max. 3.5 kN/m²

Maximum wind uplift with a 1800 mm mounting span: max. 3.0 kN/m²

RAULI Flat system for portrait installation:

Snow load capacity with a 1500 mm mounting span: max. 3.5 kN/m²

Maximum wind uplift with a 1500 mm mounting span: max. 2.5 kN/m²

Fastening the system to the roof surface must be carried out in accordance with the current guidelines provided by the roofing manufacturer and RAULI Flat.

Detailed test reports are available upon request.

Instructions and installation manuals can be downloaded at app.raulibrackets.com.

Time and place: Orimattila, 13 March 2025

Signature:



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