

# iFIX

One Part – One Click

Photovoltaic flat roof installation system for east-west orientation

certificates and approvals | Page 1 of 2 | Status June 14, 2022

## CERTIFICATES AND APPROVALS iFIX OST-WEST VERSION 2021 (VERSION 2022)\*

**The smart substructure  
for photovoltaic installations**

\* Version 2022, available from 10/2022

## Certificates and approvals

Our iFIX OW east-west product meets stringent technical specifications for construction applications. We apply a wide range of testing procedures, including bond tests and long-term tests, as well as experimental component analysis, to continually develop and optimize our products. This guarantees our customers a consistently high level of quality.

## Quality management

**ISO 9001** - Our company is ISO 9001 certified. Our internal and external quality management systems are being continually enhanced. This ensures all our products are tested on an ongoing basis.

**IATF 16949** – Our company is IATF 16949 certified. For many years, we have consistently met the most stringent quality management requirements in the automotive industry.

## Environmental management

**DIN EN ISO 14001** - Our company investigates, evaluates, communicates, and documents environmental issues in order to continually improve its environmental performance. iFIX OW is even available in an environmentally friendly CO<sub>2</sub>-reduced version.

## Principles of statics and load assumptions

We work according to the generally recognized state-of-the-art and the unified Eurocode regulations.

**EN 1991-1-3** General actions on structures—snow loads

**EN 1991-1-4** General actions on structures—wind actions

**EN 1993-1-4** Measurement and design of steel structures

**DIN 55634-1-2** Paints, varnishes, and coatings—corrosion protection of supporting thin-walled building components made of steel

Fundamental tests of the stability and static equilibrium are undertaken in a well-known wind canal and by an accredited testing institute. Experts and structural engineers conducted the testing, and defined and examined the method for calculating the statics of the system.

**Wind canal reports:** Wacker Ingenieure, Birkenfeld, May 25, 2022

**Accredited testing institute:** Fraunhofer ISE, Freiburg i. B., February 18, 2022

**Expert:** Breinlinger Ingenieure Hochbau GmbH, Tuttlingen, March 09, 2022

**Structural engineer:** Ingenieurbüro für Baustatik Förster, Schwäbisch Gmünd, July 28, 2022

Erfahren Sie mehr über iFIX OST-WEST  
und besuchen Sie uns auf  
[www.voestalpine.com/iFIX](http://www.voestalpine.com/iFIX)



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