

Certificate

IBC Flat Roof Mounting Systems AeroFix-10 und AeroFix-15

MITTNACHT BERATENDE INGENIEURE

Structural Engineering – Structural Design – Heritage Conservation

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Öffentlich bestellter und vereidigter Sachverständiger für Bauschäden an historischen Gebäuden (Publicly appointed and sworn expert on structural damage to historical buildings) – eingetragen in die Liste der besonders fachkundigen Ingenieure für wiederkehrende Bauwerksprüfung der Bayerischen Ingenieurkammer-Bau (Listed as an expert engineer for periodical structural testing by the Bavarian Chamber of Consulting Engineers) – Memberships: Bayerische Ingenieurkammer-Bau (Bavarian Chamber of Civil Engineers) - Verband Beratender Ingenieure VBI (German Association of Consulting Engineers) - Deutscher Stahlbauverband DSTV (German association for steel structures) – German national committee of ICOMOS – ISCARSAH

hereby issues certification to the company



IBC Solar AG

Am Hochgericht 10

96231 Bad Staffelstein

that the IBC flat roof mounting systems AeroFix-10 and AeroFix-15
have been statically tested.

The mounting systems include the supports, base rails, ballast rails, as well as the fasteners (base rail connectors, clamps, screws).

The system is designed for the following load effects: Buildings with flat roofs up to wind load zone 4 (according to EN 1991-1-4; terrain category I-IV) and snow load zone 3 (according to EN 1991-1-3) up to 800 m (height above sea level).

The analysis of the load bearing capacity of the roof is not included.

The analysis of the serviceability, i.e. position stability, is not included. The required ballast is to be determined specifically for each project.

The mounting systems have been tested according to the following standards:

DIN EN 1991-1-3:2010-12 und DIN EN 1991-1-3/NA:2010-12

DIN EN 1991-1-4:2010-12 und DIN EN 1991-1-4/NA:2010-12

DIN EN 1993-1-1:2010-12 und DIN EN 1993-1-1/NA:2010-12

DIN EN 1999-1-1:2010-05 und DIN EN 1999-1-1/NA:2010-12

Würzburg, June 2013

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