



blubaseTM

STRONG IN SOLAR SUPPORT

CERTIFICATE

Blubase has been tested and certified based on the Eurocodes and associated regulations specified below. This certificate confirms that all Blubase mounting systems have been designed, validated and manufactured in accordance with these guidelines. Blubase has its product development validated by external engineering firms. The studies and validation procedures provide the basis for the Blubase calculation tool and the calculations performed by Blubase for the purpose of carrying out installations.

Relevant products

Blubase pitched roof, Blubase flat roof and Blubase free-field system.

Relevant Eurocodes:

NEN-EN 1990	Eurocode: Basis of structural design
NEN-EN 1991-1-3	Actions on structures - Snow loads
NEN-EN 1991-1-4	Actions on structures - Wind actions
NEN 7250	Solar energy systems - Integration in roofs and facades
NEN-EN 1999-1-4	Design and calculation of aluminium structures NEN-
EN 1997	Geotechnical design

Testing and wind tunnel

Blubase carries out testing and research in collaboration with external engineering firms to test the mounting systems against the Eurocodes:

- Report 13-1465 from 14.01.2014 compiled by Ingenieursbüro Schuler verifies the integrity of the Blubase free-field system;
- Report A09-095 from 15.06.2010 compiled by Sachs Engineering GmbH verifies the integrity of Blubase mounting systems for roofs by means of a wind tunnel study;
- Report 2014-482 from 21.02.2014 compiled by Ingenieursbureau Dijkstra verifies the ballast calculations;
- Report 9041 compiled by IFT Engineers verifies and tests the Blubase pitched roof system with associated rails against the applicable Eurocodes.

