

DECLARATION OF PERFORMANCE

ALFA solar panel mountings system for flat roofs



Unique identification code of the product-type:

Orima® SOLAR ALFA ballasted solar panel mounting system for flat SBS and PVC roofs.

Name	Product code	Installation guide
ALFA DOUBLE PANEL SUPPORT	36610	SOLAR ALFA – Installation manual
ALFA SINGLE PANEL SUPPORT	36740	
ALFA JOINT SET	36660	
ALFA REAR WIND DEFLECTOR	36710	
PROTECTIVE RUBBER MAT FOR BITUMEN	36580	
PROTECTIVE RUBBER MAT FOR PVC	38160	
EASY RAIL PANEL CLAMPS	misc.	

Intended use of building product

SOLAR ALFA is a ballasted solar panels mounting system for flat (< 5 °) roof installations.

Manufacturer Orima-Tuote Oy, Kankaantie 6, FI-16100 Orimattila
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Product testing

All Alfa components are tested to withstand a snow load equal to 5,4 kN/m² directly on solar panel surface.

Project specific wind load and ballast plan calculation is based on aerodynamics research and following standards:

EN 1991-1-4 : Eurocode 1: Actions on structures - Part 1-4: General actions – Wind actions

NEN 7250:2014 Solar energy systems - Integration in roofs and facades - Building aspects

The corrosion protection of the materials has been tested and accepted according to ISO 12944-6. The corrosion protection can be classified in the category C5-M high (15 years) according to ISO 12944-2.

There is no harmonized standard for solar panel mounting systems and therefore Orima Alfa cannot be CE marked.

The performance of the product identified in this document is conformity with the declared performance above. This declaration of performance is issued under the sole responsibility of the manufacturer.

Orimattilassa 21.2.2020