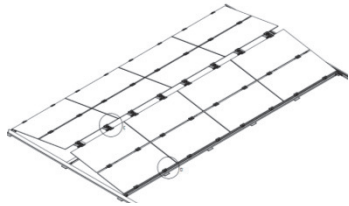




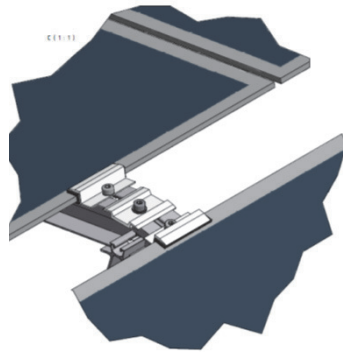
Certificate Holder

ALUMERO Systematic Solutions GmbH

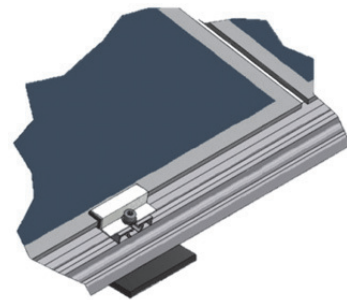
Sonnenweg 1-2
A-5164 Seeham



In order to be approved for use with Calyxo CX series thin-film modules, module systems must meet the minimum technical and mechanical requirements for the clamping of modules. In addition, the entire system comprising the module, clamp and base structure must meet the requirements of the standard mechanical load test, IEC61646, section 10.16.



Calyxo thin-film modules of the CX series were installed using the approved mounting clamp and subjected to mechanical stress in accordance with IEC61646, section 10.16.



The test results show that the approved mounting system complies with the technical and mechanical requirements regarding clamp geometry and pursuant to IEC61646, section 10.16, for use on Calyxo CX series thin-film modules as long as the following conditions are met.

Based on the test results, the approved mounting system is hereby authorized for the mounting of Calyxo CX series thin-film modules.

Type:	Effectus - System
Length:	3000 x 4870 x 288mm
Tilt:	10° East; 10° West
Securing:	M8 V2-70
Torque:	25Nm
Stress type:	3000Pa
Clamp:	Alumero Securitas

Bitterfeld-Wolfen,
15/09/2011

Location, Date

Signature

Applicable Documents

PAS-11-01-0167-EN_General Requirements Mounting System
PAS-11-05-0164-EN_Technical Drawing CX-Series
PAS-11-05-0166-EN_Approved Mounting Clamp

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