

RESULTS SUMMARY REPORT

– CXL249/17 –

Based in the test report CXL235/17 of 10/10/2017

Date: 25/10/2017

Customer: Anicolor - Alumínios Lda.

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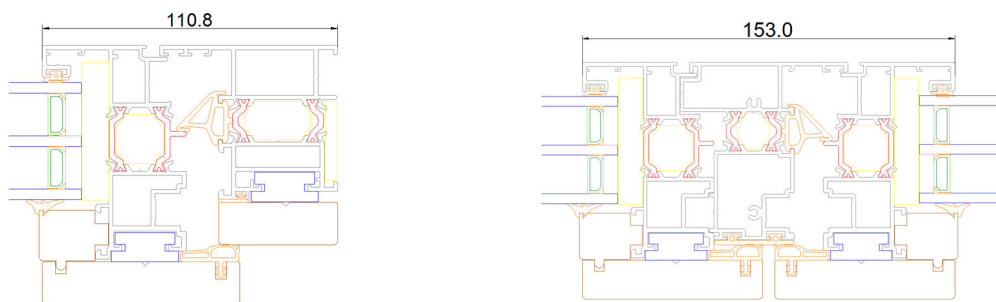
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Calculated system:

A casement window was submitted for calculation, with the following customer reference: **System AM - Aluminium Wood with Thermal Break**.

The system was composed of wooden profiles fixed to the aluminium profiles with thermal break (Figure 1). For simulation purposes, a triple glazing with a U_g value of $0.5 \text{ W}/(\text{m}^2 \cdot ^\circ\text{C})$ and a thermal spacer *Swisspacer V*, were used.



Top section, bottom section, left and right lateral section

Central section

Figure 1: Representative scheme of System AM - Aluminium Wood with Thermal Break by Anicolor (dimensions in mm).

Calculations and results:

The calculations performed for this system and their respective results are as follows:

Test	Results	
Calculation of the thermal transmittance values (EN 10077-1:2006; EN 10077-2:2012; ISO 10211:2007)	1.23 m x 1.48 m	$U_w = 1.19 \text{ W}/(\text{m}^2 \cdot ^\circ\text{C})$
	1.40 m x 1.50 m	$U_w = 1.13 \text{ W}/(\text{m}^2 \cdot ^\circ\text{C})$

Note: This report is not a replacement for the individual test reports which served as its basis. For a complete analysis and interpretation of the results see individual test reports.

Report author

Technical responsibility

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