

RESULTS SUMMARY REPORT – CXL056/19 –

Based on test report CXL050/19 from 30/07/2019

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Customer: Anicolor - Alumínios Lda.

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Calculated system:

A tilt and turn window with one leaf was submitted for calculation, with the following customer reference: **System API - Hidden Leaf PassiveHouse**. The system was composed of aluminium profiles with thermal break (see Figure 1). For simulation purposes, a triple glazing with a U_g value of $0,4 \text{ W}/(\text{m}^2 \cdot ^\circ\text{C})$ and a thermal spacer Warm Edge TGI[®], were used.

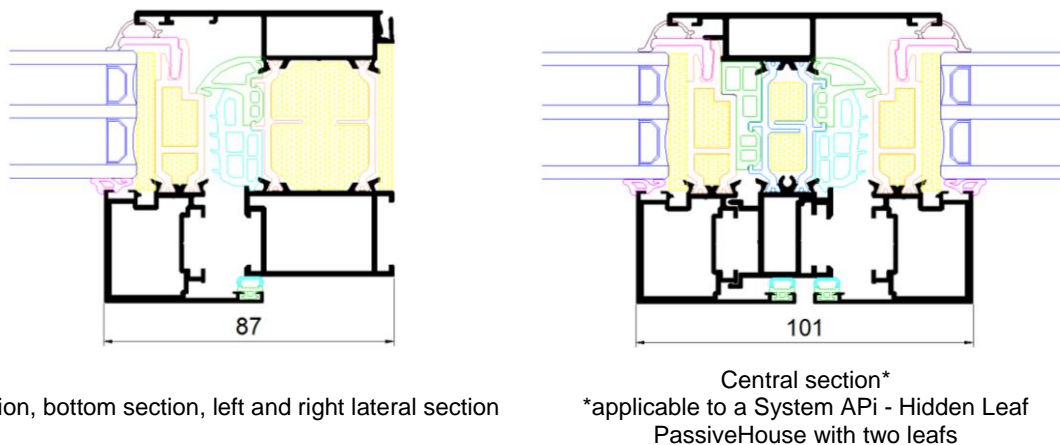


Figure 1: Schematic of the System API - Hidden Leaf PassiveHouse with one leaf by Anicolor (dimensions in mm).

Calculations and results:

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

Test	Results	
Calculation of the thermal transmittance values (ISO 10077-1:2017; ISO 10077-2:2017; ISO 10211:2017)	1.23 m x 1.48 m	$U_w = 0.74 \text{ W}/(\text{m}^2 \cdot ^\circ\text{C})$

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

Administration

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