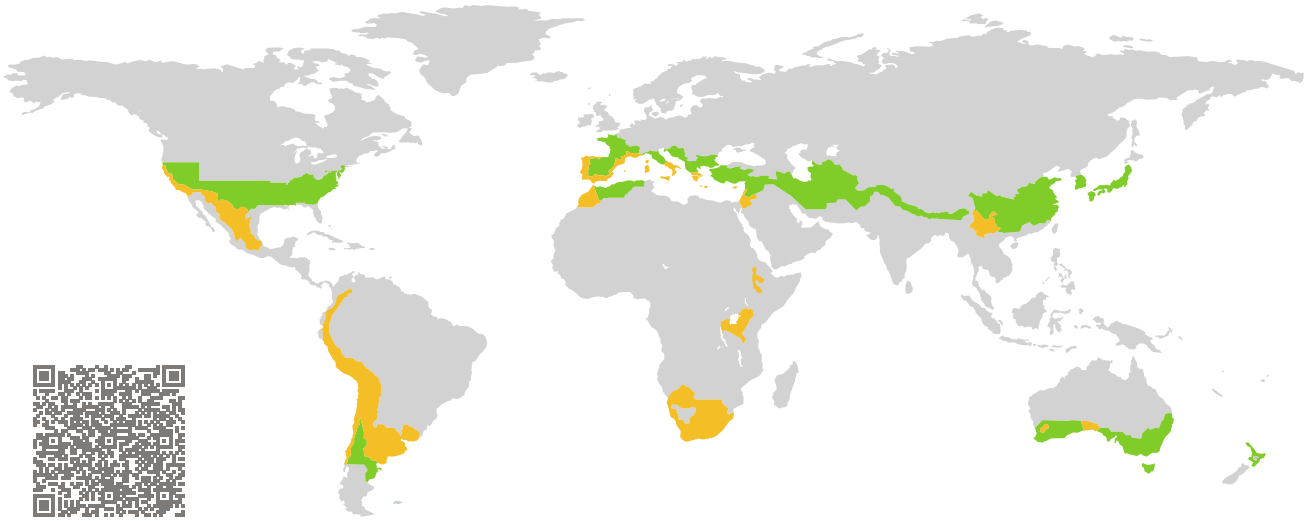
CERTIFICATE

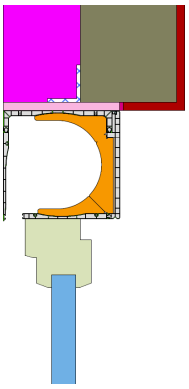
Certified Passive House Component

Component-ID 1926rs04 valid until 31st December 2025

Passive House Institute
Dr. Wolfgang Feist
64283 Darmstadt
Germany



Category:	**Sun protection (Roller shutter)**
Manufacturer:	**Giménez Ganga, S.L.U., Sax, Spain**
Product name:	**Eurostand 200 Passive / Eurodecor 200 Passive**



This certificate was awarded based on the following criteria for the warm, temperate climate zone

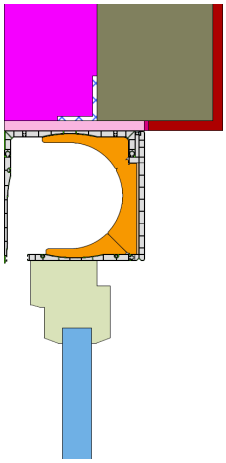
Efficiency: $\Delta_U = 0.16 \leq 0.16$ W/(m²K)

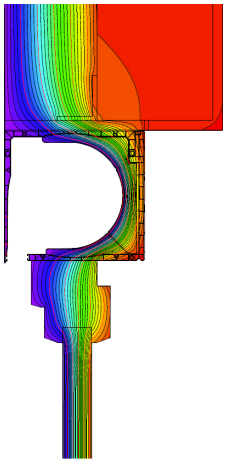
Hygiene: $f_{Rsi=0.25} \geq 0.65$

warm, temperate climate

CERTIFIED COMPONENT
Passive House Institute

Giménez Ganga, S.L.U.
Calle Roma 4, 03630 Sax, Spain
☎ +34965474505 | ✉ oficinatecnica@saxun.com | http://saxun.com |





Calculation model | Isothermal

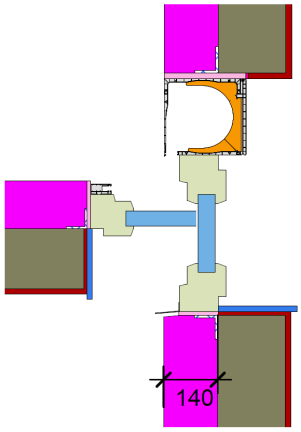
Description

PHI standard frame representing a wooden or vinyl frame. Conductivity: 0.113 W/(mK), depth: 100 mm Pane thickness: 44 mm (4/16/4/16/4), rebate depth: 23mm Spacer: PHI class phB with polysulfide as secondary seal. Compact extruded PVC shutter box Eurostand 200 Passive Saxun and Eurodecor 200 Passive Saxun with Grafipol thermal insulation (0.032 W/(mK)) and accessible cover with acoustic sheet. Rolling system on hexagonal galvanized steel shaft supported by lateral PVC ends and mixed lined braces for hooking up slat cloth. Motorized drive with motor housed in the hexagonal shaft and maneuver by push button or wireless transmitter.

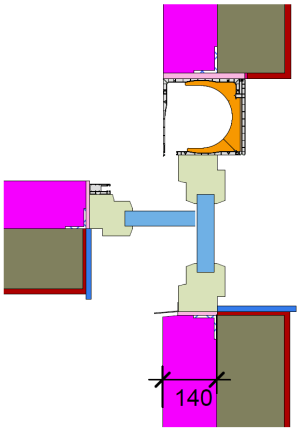
The Passive House Institute has defined international component criteria for seven climate zones. In principle, components which have been certified for climate zones with higher requirements may also be used in climates with less stringent requirements. In a particular climate zone it may make sense to use a component of a higher thermal quality which has been certified for a climate zone with more stringent requirements.

Further information relating to certification
can be found on www.passivehouse.com and passipedia.org.

Validated installations

Shading 140 mm insulation V1	
U_{Wall} = 0.22 W/(m² · K)	
	
$\Psi_{install}$	W/(m · K)
Top	0.197
Side	0.008
Bottom	0.018
$U_{W,installed}$ = 1.16 W/(m² · K)	

Window size: 1.23 m x 1.48 m

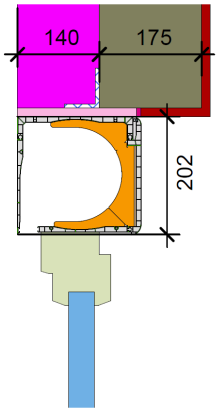
Shading 140 mm insulation V2	
U_{Wall} = 0.22 W/(m² · K)	
	
$\Psi_{install}$	W/(m · K)
Top	0.197
Side	0.008
Bottom	0.018
$U_{W,installed}$ = 1.11 W/(m² · K)	

Window size: 1.10 m x 2.20 m

Frame values		Frame width b_f mm	U-value frame U_f W/(m² · K)	Ψ-glazing edge Ψ_g W/(m · K)	Temp. Factor $f_{Rsi=0.25}$ [-]
Bottom	(OB1)	125	0.92	0.038	0.67
Top	(OH1)	125	0.92	0.038	0.67
Lateral	(OJ1)	125	0.92	0.038	0.67
Spacer: PHI phB-Spacer			Secondary seal: Polysulfid		

Eurodecor 200 Passive 140 mm insulation

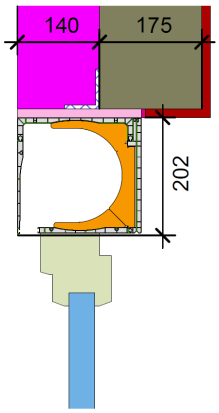
U_1 = 0.22 [W/(m^2 · K)]



$\Psi_{install}$ = 0.197 W/(m · K)

Eurostand 200 Passive 140 mm insulation

U_1 = 0.22 [W/(m^2 · K)]



$\Psi_{install}$ = 0.196 W/(m · K)