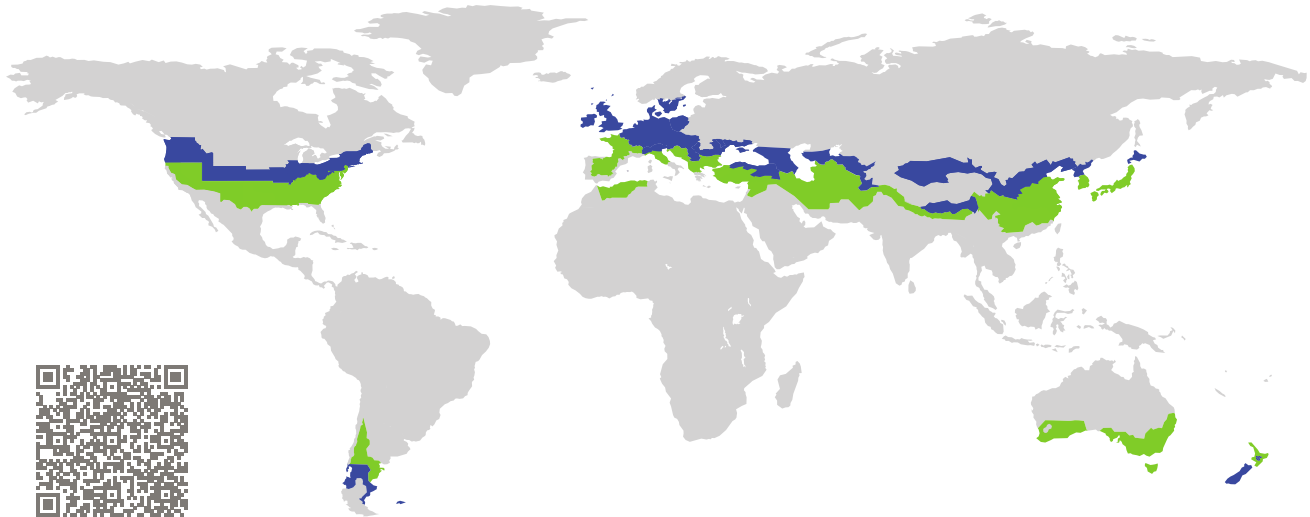


CERTIFICATE

Certified Passive House Component

Component-ID 1485wi03 valid until 31st December 2020

Passive House Institute
Dr. Wolfgang Feist
64283 Darmstadt
Germany

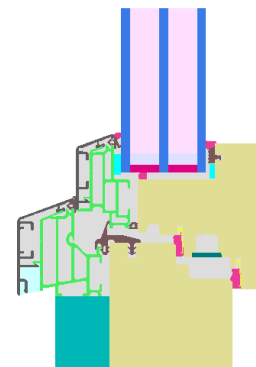


Category: **Window Frame**
Manufacturer: **Qingdao Jerdvin Household Co. Ltd,
Qingdao,
China**
Product name: **HA120**

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

Comfort $U_W = 0.80 \leq 0.80 \text{ W}/(\text{m}^2 \text{ K})$
 $U_{W,\text{installed}} \leq 0.85 \text{ W}/(\text{m}^2 \text{ K})$
with $U_g = 0.70 \text{ W}/(\text{m}^2 \text{ K})$

Hygiene $f_{Rsi=0.25} \geq 0.70$



Passive House
efficiency class

phE

phD

phC

phB





phA

cool, temperate climate



**CERTIFIED
COMPONENT**

Passive House Institute

Frame values			Frame width b_f mm	U -value frame U_f W/(m ² K)	Ψ -panel edge Ψ_g W/(m K)	Temp. Factor $f_{Rsi=0.25}$ [-]
Top	(to)		131	0.79	0.028	0.74
Side	(s)		131	0.79	0.028	0.74
Bottom	(bo)		131	0.82	0.028	0.74
Mullion flying	(fm)		147	0.93	0.027	0.73
			Spacer: SWISSPACER Ultimate		Secondary seal: Silikon	

Validated installations

