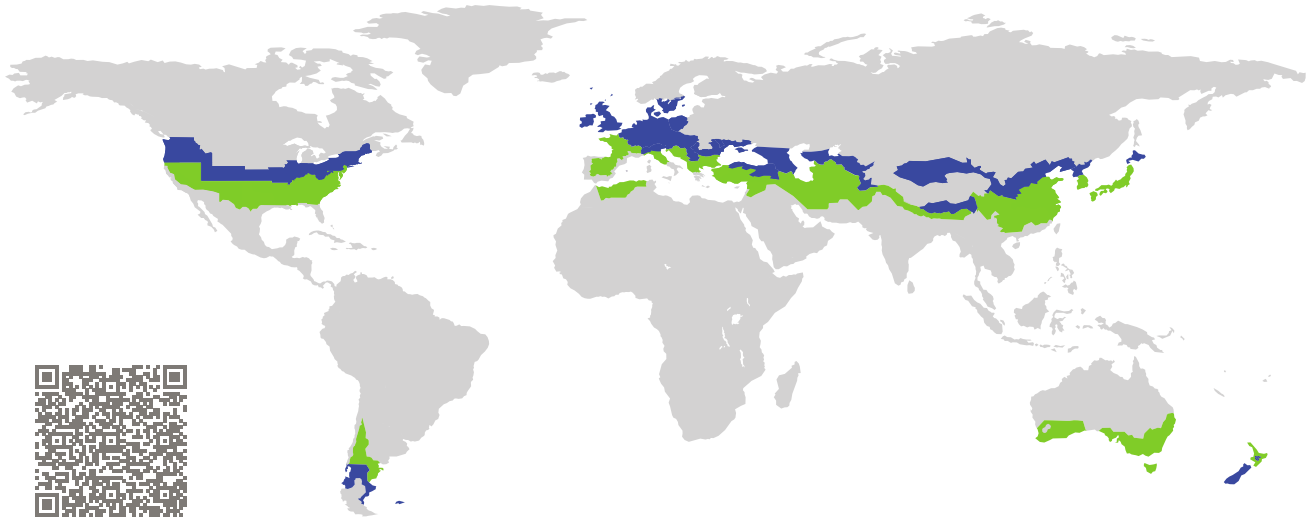


# 证书

被动房已认证组件

组件认证编码 1606ed03 有效至 31st December 2025

Passive House Institute  
Dr. Wolfgang Feist  
64283 Darmstadt  
Germany

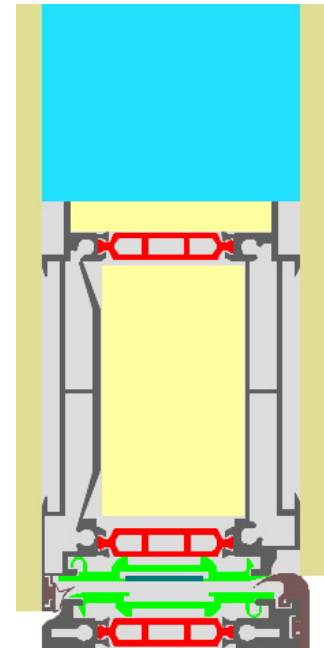


类别: **Entry door(opaque)**  
制造商: **Zhejiang Huawei Door Co., Ltd.**  
**Lishui**  
**China**  
产品名称: **Huawei 0311 Door**

此证书根据以下规格颁发, 适用于凉温气候带 (**cool temperate**)

舒适度  $U_D = 0.63 \leq 0.80 \text{ W}/(\text{m}^2 \text{ K})$   
 $U_{D, \text{installed}} \leq 0.85 \text{ W}/(\text{m}^2 \text{ K})$   
with  $U_{\text{door leaf}}^1 = 0.31 \text{ W}/(\text{m}^2 \text{ K})$

卫生标准  $f_{Rsi=0.25} \geq 0.70$   
气密度  $Q_{100} = 1.21 \leq 2.25 \text{ m}^3/(\text{h m})$



(外开)

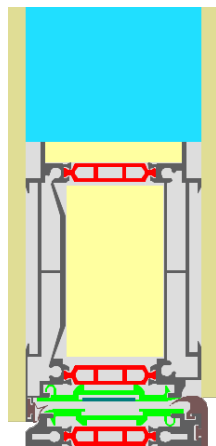
<sup>1</sup>U-value of the insulated area of door leaf

cool, temperate climate

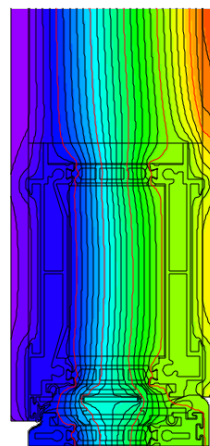


**CERTIFIED  
COMPONENT**

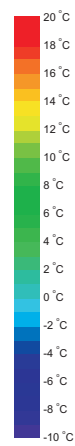
Passive House Institute



计算模型



等温线图



#### 认证产品描述

Aluminium frame, thermally separated with polyamide profiles (25% glass fibre, 0,30 W/(mK)) and insulated with Kingspan Kooltherm phenolic foam (0,021/0,022 W/(mK)). Opaque door panel from softwood, insulated with polyurethane foam (0,027 W/(mK)). The required temperature factor is not met at the threshold.

#### 说明

The U-values of the door apply to a door 1.10 m wide by 2.20 m tall.

A detailed report of the calculations performed in the context of certification is available from the manufacturer.


Unless stated otherwise, the air tightness was determined according to EN 1026 with respect to the joint length under climate load in conjunction with EN 1121 for the closed, non-locked door. The result corresponds at least to air-tightness class 3 according to EN 12207.

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](http://www.passivehouse.com) and [passipedia.org](http://passipedia.org).


窗框参数	宽度		$U$ -值	$\Psi$ edge	温度系数 (卫生标准)
	$b_f$ mm		$U_f$ W/(m <sup>2</sup> K)	$\Psi_g$ W/(m K)	$f_{Rsi=0.25}$ [-]
门枢纽边 (DJ1) 	197		1.03	-0.005	0.72
门上锁于外边 (DL1) 	197		1.03	-0.005	0.72
上横框 (OH1) 	197		1.03	-0.005	0.72
门槛 (OT2) 	139		1.10	0.000	0.68
暖边间隔条:			双层密封胶:		



门枢纽边



$b_f = 197 \text{ mm}$   
 $U_f = 1.03 \text{ W/(m}^2 \text{ K)}$   
 $\Psi_g = -0.005 \text{ W/(m K)}$   
 $f_{Rsi} = 0.72$







门上锁于外边


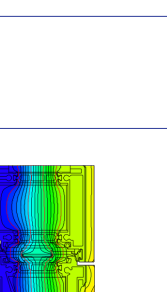
$b_f = 197 \text{ mm}$   
 $U_f = 1.03 \text{ W/(m}^2 \text{ K)}$   
 $\Psi_g = -0.005 \text{ W/(m K)}$   
 $f_{Rsi} = 0.72$



上横框

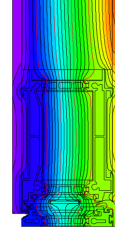
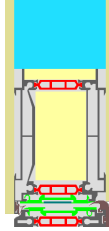
$b_f = 197 \text{ mm}$   
 $U_f = 1.03 \text{ W/(m}^2 \text{ K)}$   
 $\Psi_g = -0.005 \text{ W/(m K)}$   
 $f_{Rsi} = 0.72$



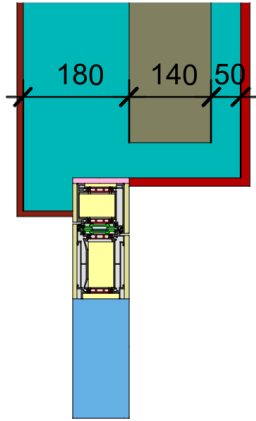
## 门槛

$b_f = 139 \text{ mm}$   
 $U_f = 1.10 \text{ W/(m}^2 \text{ K)}$   
 $\Psi_g = 0.000 \text{ W/(m K)}$   
 $f_{Rsi} = 0.68$



砌块系统 顶部 (开启扇)

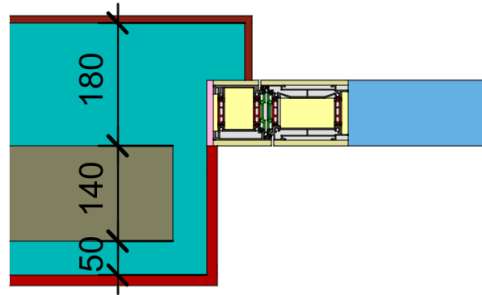
$U_1 = 0.15 \text{ [W/(m}^2 \text{ K)]}$



$\Psi_{\text{安装}} = 0.02 \text{ W/(m K)}$

砌块系统 边 (开启扇)

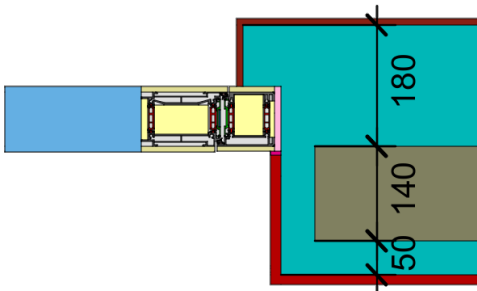
$U_1 = 0.15 \text{ [W/(m}^2 \text{ K)]}$



$\Psi_{\text{安装}} = 0.02 \text{ W/(m K)}$

砌块系统 边 (开启扇)

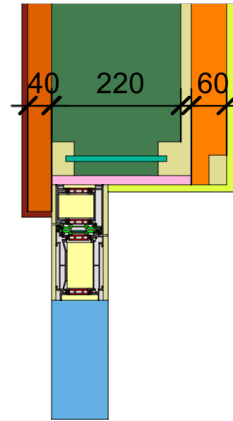
$U_1 = 0.15 \text{ [W/(m}^2 \text{ K)]}$



$\Psi_{\text{安装}} = 0.01 \text{ W/(m K)}$

轻质木材顶部(开启扇)

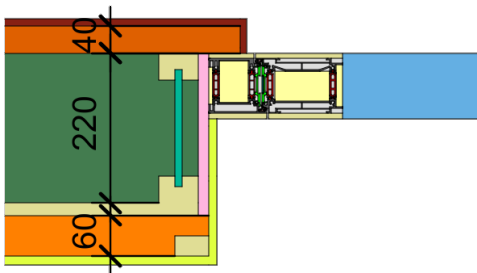
$U_1 = 0.13 \text{ [W/(m}^2 \text{ K)]}$



$\Psi_{\text{安装}} = 0.03 \text{ W/(m K)}$

轻质木材边 (开启扇)

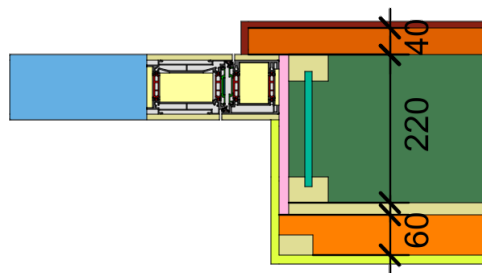
$U_1 = 0.13 \text{ [W/(m}^2 \text{ K)]}$



$\Psi_{\text{安装}} = 0.03 \text{ W/(m K)}$

轻质木材边 (开启扇)

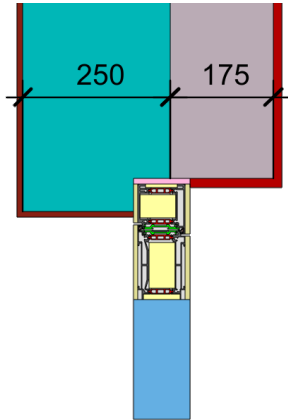
$U_1 = 0.13 \text{ [W/(m}^2 \text{ K)]}$



$\Psi_{\text{安装}} = 0.03 \text{ W/(m K)}$

外保温及饰面系统 (EIFS)顶部(开启扇)

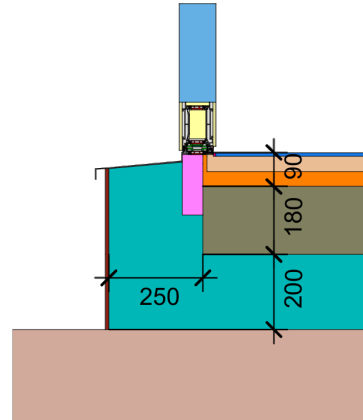
$$U_1 = 0.13 \text{ [W/(m}^2 \text{ K)]}$$



$$\Psi_{\text{安装}} = 0.03 \text{ W/(m K)}$$

外保温及饰面系统(EIFS)(EIFS)窗槛底部木板(开启扇)

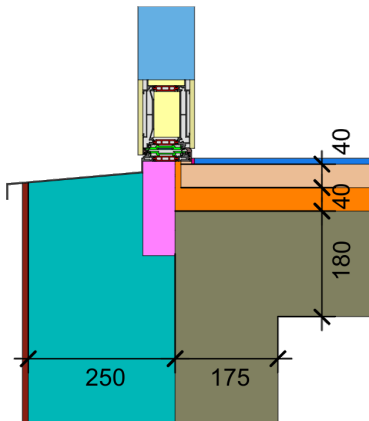
$$U_1 = 0.13 \quad U_2 = 0.14 \text{ [W/(m}^2 \text{ K)]}$$



$$\Psi_{\text{安装}} = 0.07 \text{ W/(m K)}$$

外保温及饰面系统 (EIFS)窗槛天花板(开启扇)

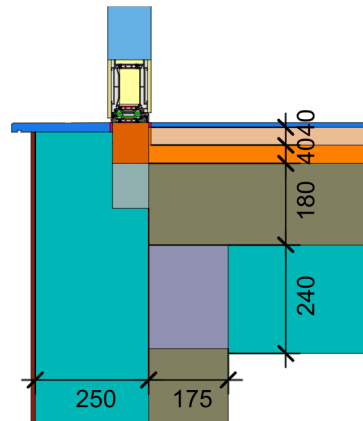
$$U_1 = 0.14 \text{ [W/(m}^2 \text{ K)]}$$



$$\Psi_{\text{安装}} = 0.10 \text{ W/(m K)}$$

外保温及饰面系统 (EIFS)窗槛(开启扇)

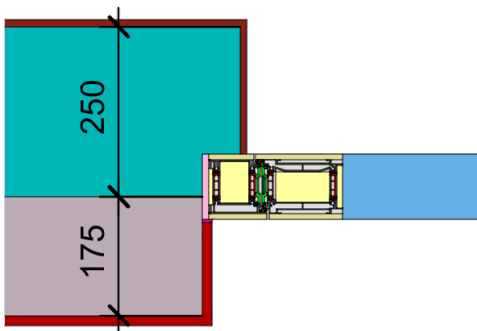
$$U_1 = 0.12 \quad U_2 = 0.13 \text{ [W/(m}^2 \text{ K)]}$$



$$\Psi_{\text{安装}} = 0.04 \text{ W/(m K)}$$

外保温及饰面系统 (EIFS)边(开启扇)

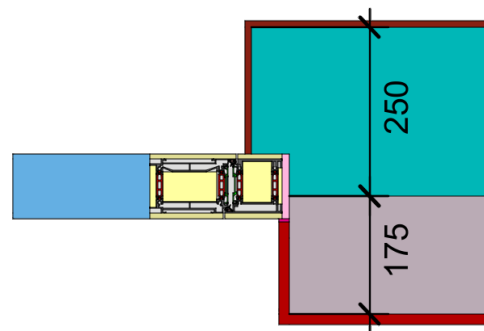
$$U_1 = 0.13 \text{ [W/(m}^2 \text{ K)]}$$



$$\Psi_{\text{安装}} = 0.03 \text{ W/(m K)}$$

外保温及饰面系统 (EIFS)边(开启扇)

$$U_1 = 0.13 \text{ [W/(m}^2 \text{ K)]}$$



$$\Psi_{\text{安装}} = 0.03 \text{ W/(m K)}$$

