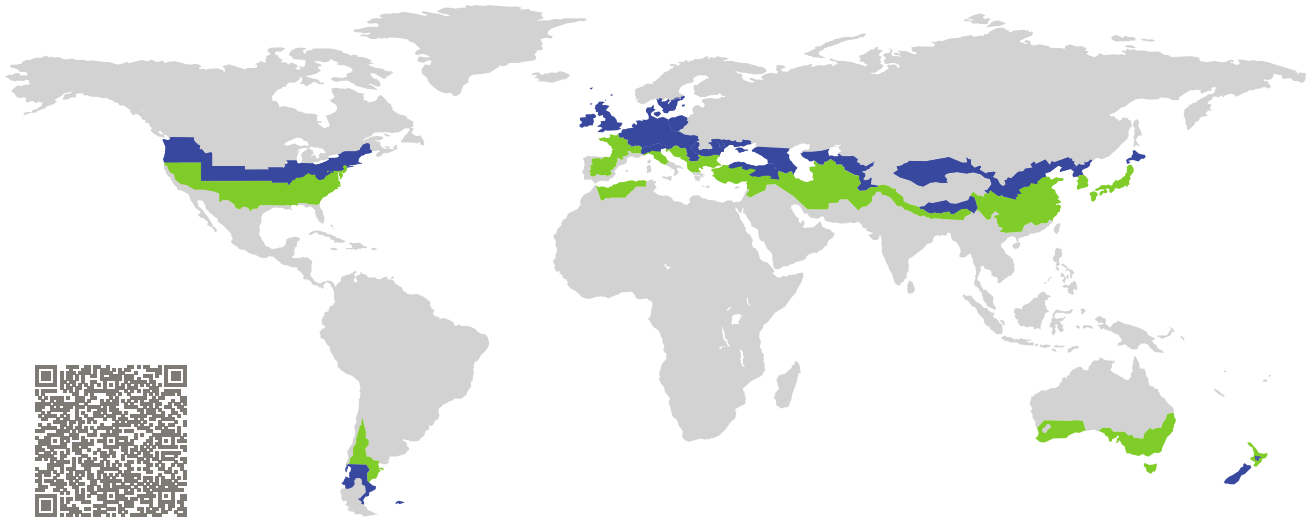


证书

被动房已认证组件

组件认证编码 1733wi03 有效至 31st December 2025

Passive House Institute
Dr. Wolfgang Feist
64283 Darmstadt
Germany

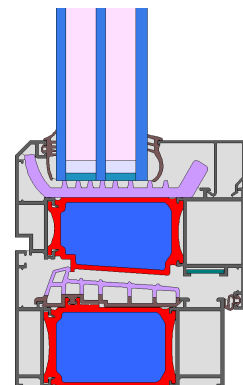


类别: 窗框
制造商: **Zhejiang DeYiLong Technology Co., Ltd.,
Huzhou,
China**
产品名称: **GRPU FZ1108**

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

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

卫生标准 $f_{Rsi=0.25} \geq 0.70$



被动房
节能等级

phE

phD

phC

phB

phA

cool, temperate climate



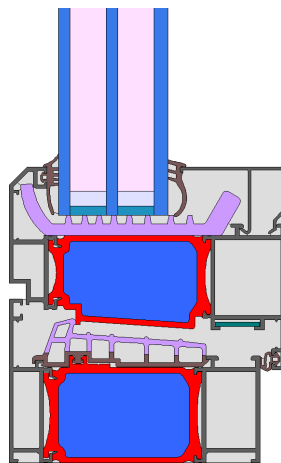
ph B



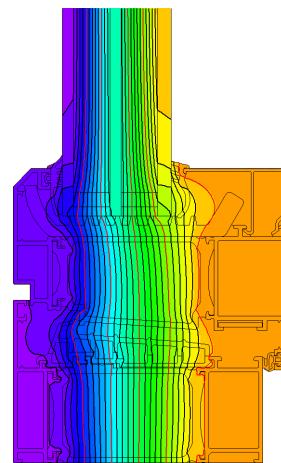
**CERTIFIED
COMPONENT**

Passive House Institute

www.passivehouse.com



计算模型



等温线图

认证产品描述

Aluminum-frame with PA- (0.22 W/(mK)) struds filled with PUR (0.028 W/(mK)) and PU-foam- sealing (0.047 W/(mK)) inside the rebate. Pane thickness: 48 mm (5/16/5/16/6), rebate depth: 20 mm. Spacer: SWISSPACER Ultimate with butyl as secondary seal.

说明

整窗U值是基于参照尺寸 1.23 m × 1.48 m with $U_g = 0.70 \text{ W}/(\text{m}^2 \text{ K})$. 若使用更高品质的节能玻璃, 整窗U值可提升如下:

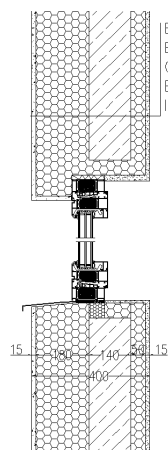
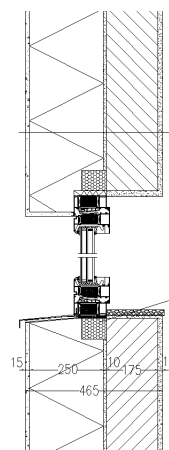
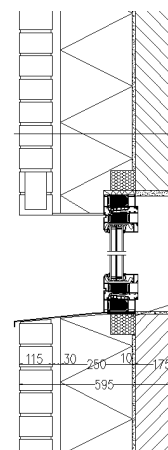
玻璃	$U_g =$	0.70	0.64	0.58	0.54	W/(m ² K)
		↓	↓	↓	↓	
整窗	$U_w =$	0.80	0.76	0.72	0.70	W/(m ² K)

建筑透明组件通过非透明部份的传热损失进行节能分级。整窗传热损失包括由窗框U值和窗框宽度, 暖边热桥和暖边长度引起的热损失。详细计算可从制造商获取。

被动房研究所将国际组件认证标准划分为七种气候类型。原则上, 满足更高节能要求的认证组件也可用于节能要求较低的气候区。在特定气候区中, 使用具有高节能要求的认证组件会更具有意义。

更多认证信息: www.passivehouse.com and passipedia.org.

安装节点

砌块系统 (开启扇)	外保温及饰面系统(EIFS) (开启扇)	空心墙(可活动式)
$U_{\text{墙}} = 0.15 \text{ W/(m}^2 \text{ K)}$	$U_{\text{墙}} = 0.13 \text{ W/(m}^2 \text{ K)}$	$U_{\text{墙}} = 0.13 \text{ W/(m}^2 \text{ K)}$
 Exterior plaster 0,700 W/(mK) EPS 0,035 W/(mK) Concrete 2,300 W/(mK) EPS 0,035 W/(mK) Interior plaster 0,510 W/(mK)	 Exterior plaster 0,700 W/(mK) EPS 0,035 W/(mK) sand-lime brick 1,0 W/(mK) Interior plaster 0,510 W/(mK) suitable fastening, mounting brackets or installation frame.	 Clinker Brick 1,200 W/(mK) Air gap EPS 0,035 W/(mK) Sand-lime brick 1,000 W/(mK) Interior plaster 0,510 W/(mK) suitable fastening, mounting brackets or installation frame.
$\Psi_{\text{安装}}$ W/(m K)	$\Psi_{\text{安装}}$ W/(m K)	$\Psi_{\text{安装}}$ W/(m K)
上口 0.016	上口 0.016	上口 0.014
侧边 0.016	侧边 0.016	侧边 0.014
下口 0.022	下口 0.025	下口 0.026
$U_{W, \text{已安装}} = 0.85 \text{ W/(m}^2 \text{ K)}$	$U_{W, \text{已安装}} = 0.85 \text{ W/(m}^2 \text{ K)}$	$U_{W, \text{已安装}} = 0.85 \text{ W/(m}^2 \text{ K)}$

窗框参数	宽度 b_f mm	U-值 U_f W/(m ² K)	暖边热桥- Ψ -值 Ψ_g W/(m K)	温度系数 (卫生标准) $f_{Rsi=0.25}$ [-]
立柱2 (2M1) 	218	0.83	0.025	0.78
下横框 (OB1) 	130	0.82	0.025	0.78
上横框 (OH1) 	130	0.82	0.025	0.78
侧面 (OJ1) 	130	0.82	0.025	0.78
暖边间隔条: SWISSPACER ULTIMATE		双层密封胶: Butyl		

