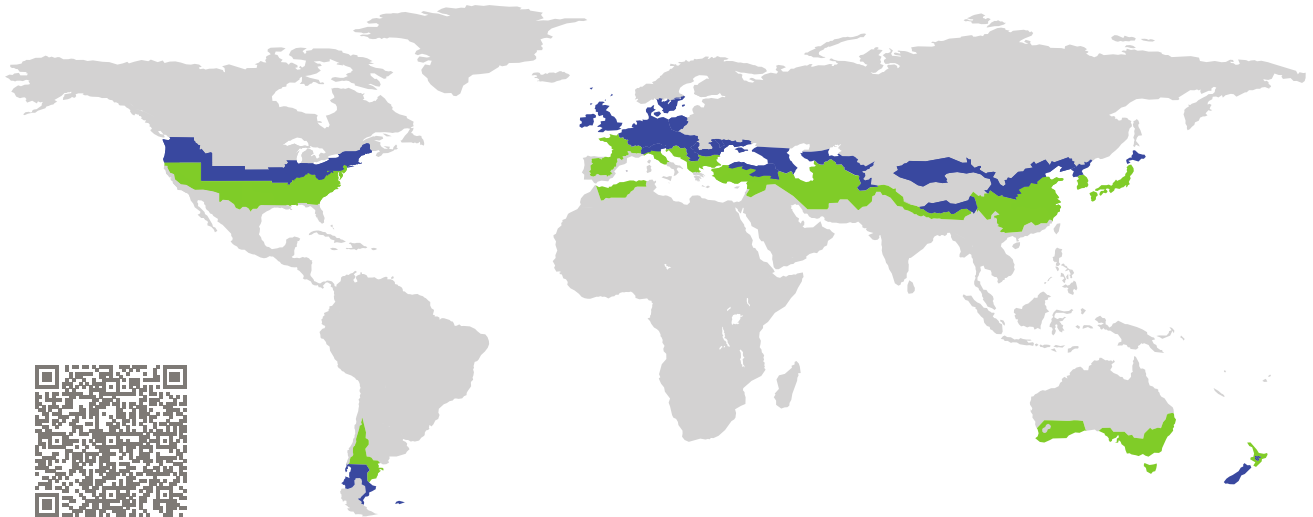


证书

被动房已认证组件

组件认证编码 2430wi03 有效至 31st December 2026

Passive House Institute
Dr. Wolfgang Feist
64283 Darmstadt
Germany

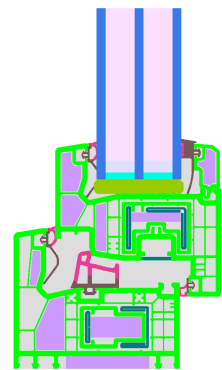


类别: 窗框
制造商: **Henan CROWN Window & Door Co., Ltd,
Hebi,
China**
产品名称: **ZEW 92MD**

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



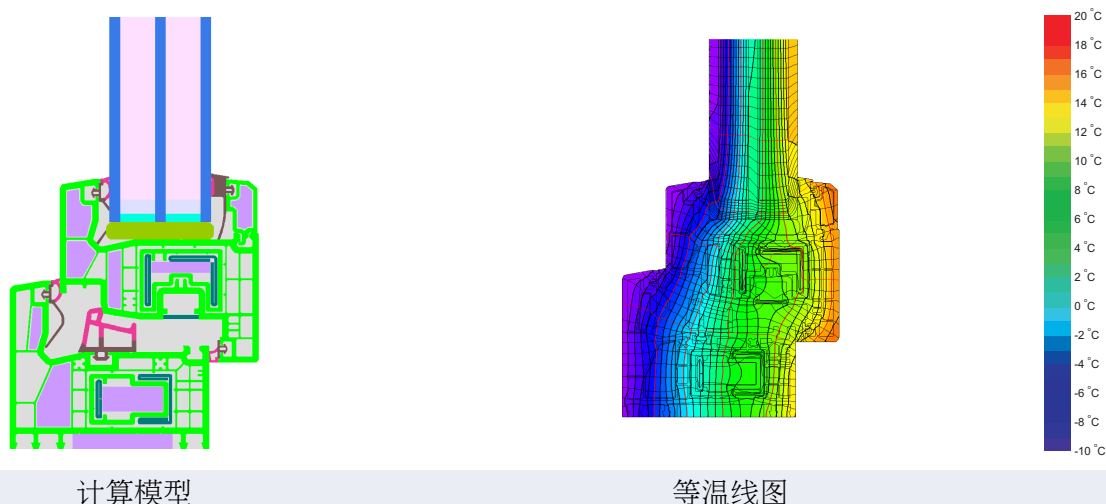
ph B



**CERTIFIED
COMPONENT**

Passive House Institute

www.passivehouse.com



认证产品描述

PVC 框保温隔热EPS 0.039 W/(mK), PE foam 0.038 W/(mK)); 玻璃厚度:47 mm (5/16/5/16/5); 槽口: 20 mm; 间隔条Technoform-Spacer SP16; 双层密封Butyl

说明

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

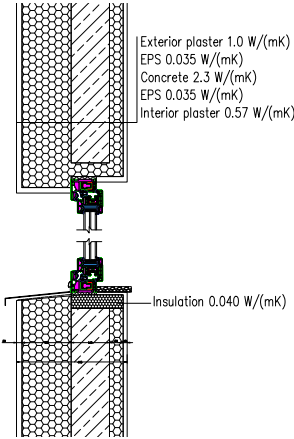
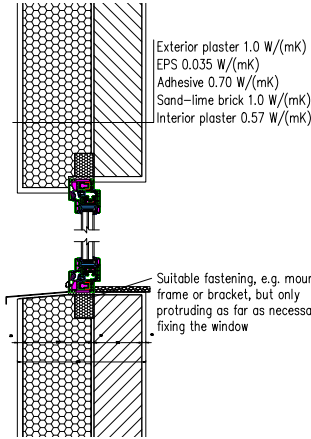
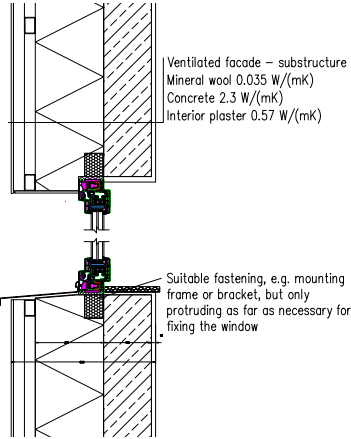
玻璃	$U_g =$	0.70	0.64	0.58	0.55	W/(m ² K)
		↓	↓	↓	↓	
整窗	$U_w =$	0.80	0.76	0.72	0.70	W/(m ² K)

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

formwork blocks	Exterior insulation and finishing system	Ventilated facade
$U_{\text{墙}} = 0.15 \text{ W}/(\text{m}^2 \text{ K})$	$U_{\text{墙}} = 0.13 \text{ W}/(\text{m}^2 \text{ K})$	$U_{\text{墙}} = 0.13 \text{ W}/(\text{m}^2 \text{ K})$
 Exterior plaster 1.0 W/(mK) EPS 0.035 W/(mK) Concrete 2.3 W/(mK) EPS 0.035 W/(mK) Interior plaster 0.57 W/(mK) Insulation 0.040 W/(mK)	 Exterior plaster 1.0 W/(mK) EPS 0.035 W/(mK) Adhesive 0.70 W/(mK) Sand-lime brick 1.0 W/(mK) Interior plaster 0.57 W/(mK) Suitable fastening, e.g. mounting frame or bracket, but only protruding as far as necessary for fixing the window	 Ventilated facade - substructure Mineral wool 0.035 W/(mK) Concrete 2.3 W/(mK) Interior plaster 0.57 W/(mK) Suitable fastening, e.g. mounting frame or bracket, but only protruding as far as necessary for fixing the window
$\Psi_{\text{安装}}$ W/(m K)	$\Psi_{\text{安装}}$ W/(m K)	$\Psi_{\text{安装}}$ W/(m K)
上口 0.015	上口 0.012	上口 0.008
侧边 0.015	侧边 0.012	侧边 0.008
下口 0.030	下口 0.024	下口 0.024
$U_{W, \text{已安装}} = 0.85 \text{ W}/(\text{m}^2 \text{ K})$	$U_{W, \text{已安装}} = 0.84 \text{ W}/(\text{m}^2 \text{ K})$	$U_{W, \text{已安装}} = 0.83 \text{ W}/(\text{m}^2 \text{ K})$

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1 (1M1) 	157	0.76	0.023	0.75
下横框 (OB1) 	125	0.81	0.024	0.74
上横框 (OH1) 	125	0.81	0.024	0.74
侧面 (OJ1) 	125	0.81	0.024	0.74
暖边间隔条: Technoform-Spacer SP16		双层密封胶: Butyl		

