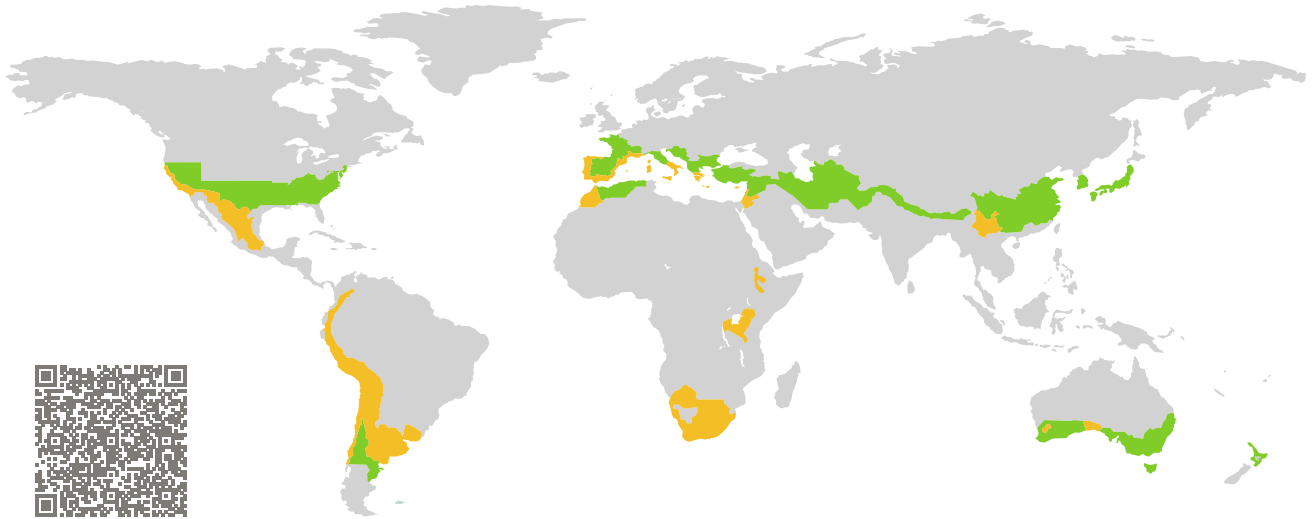


证书

被动房已认证组件

组件认证编码 2148wi04 有效至 31st December 2025

Passive House Institute
Dr. Wolfgang Feist
64283 Darmstadt
Germany

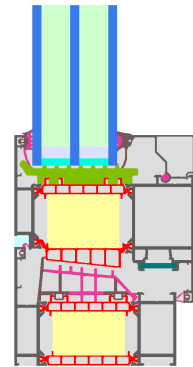


类别: 窗框
制造商: 深圳好博窗控技术股份有限公司
**Shenzhen HOPO Window Control
Technology Co., Ltd,
Shenzhen,
China**
产品名称: **STORO HS58-90 Passive**

针对温和气候区, 此产品符合以下标准并授予证书

舒适度 $U_W = 0.96 \leq 1.00 \text{ W}/(\text{m}^2 \text{ K})$
 $U_{W, \text{installed}} \leq 1.05 \text{ W}/(\text{m}^2 \text{ K})$
with $U_g = 0.90 \text{ W}/(\text{m}^2 \text{ K})$

卫生标准 $f_{Rsi=0.25} \geq 0.65$



被动房
节能等级

phE

phD

phC

phB

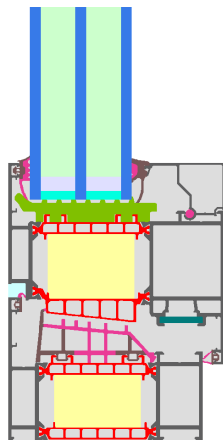
phA

warm, temperate climate

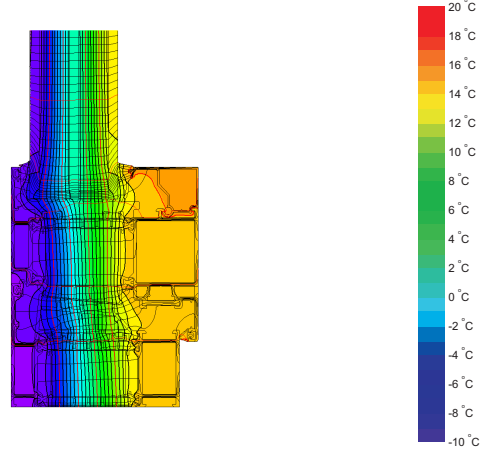


**CERTIFIED
COMPONENT**

Passive House Institute



计算模型



等温线图

认证产品描述

铝框保温隔热材料 (PA 0.30 W/(mK)) 隔热材料 (Kooltherm 0.022 W/(mK) and PE foam 0.038 W/(mK)); 玻璃厚度: 47 mm (5/16/5/16/5); 槽口: 17 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 $U_g = 0.90 \text{ W}/(\text{m}^2 \text{ K})$. 若使用更高品质的节能玻璃, 整窗U值可提升如下:

玻璃	$U_g =$	0.90	0.64	0.58	0.54	$\text{W}/(\text{m}^2 \text{ K})$
		↓	↓	↓	↓	
整窗	$U_w =$	0.96	0.79	0.75	0.72	$\text{W}/(\text{m}^2 \text{ K})$

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

Exterior insulation and finishing system

$U_{\text{墙}} = 0.23 \text{ W}/(\text{m}^2 \text{ K})$

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

$\Psi_{\text{安装}}$	W/(m K)
上口	0.018
侧边	0.018
下口	0.024

$U_{W, \text{已安装}} = 1.02 \text{ W}/(\text{m}^2 \text{ K})$

Ventilated facade

$U_{\text{墙}} = 0.23 \text{ W}/(\text{m}^2 \text{ K})$

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)
上口	0.018
侧边	0.018
下口	0.025

$U_{W, \text{已安装}} = 1.02 \text{ W}/(\text{m}^2 \text{ K})$

Cavity wall

$U_{\text{墙}} = 0.22 \text{ W}/(\text{m}^2 \text{ K})$

Clinker Brick 1.2 W/(mK)
Air gap
EPS 0.035 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

$\Psi_{\text{安装}}$	W/(m K)
上口	0.018
侧边	0.018
下口	0.025

$U_{W, \text{已安装}} = 1.02 \text{ W}/(\text{m}^2 \text{ K})$

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) $f_{Rsi=0.25}$ [-]
横梁1	(1T1)		153	0.87	0.025	0.75
下横框	(OB1)		128	0.90	0.025	0.75
上横框	(OH1)		128	0.90	0.025	0.75
侧面	(OJ1)		128	0.90	0.025	0.75

暖边间隔条: Technoform-Spacer SP16 双层密封胶: Butyl

