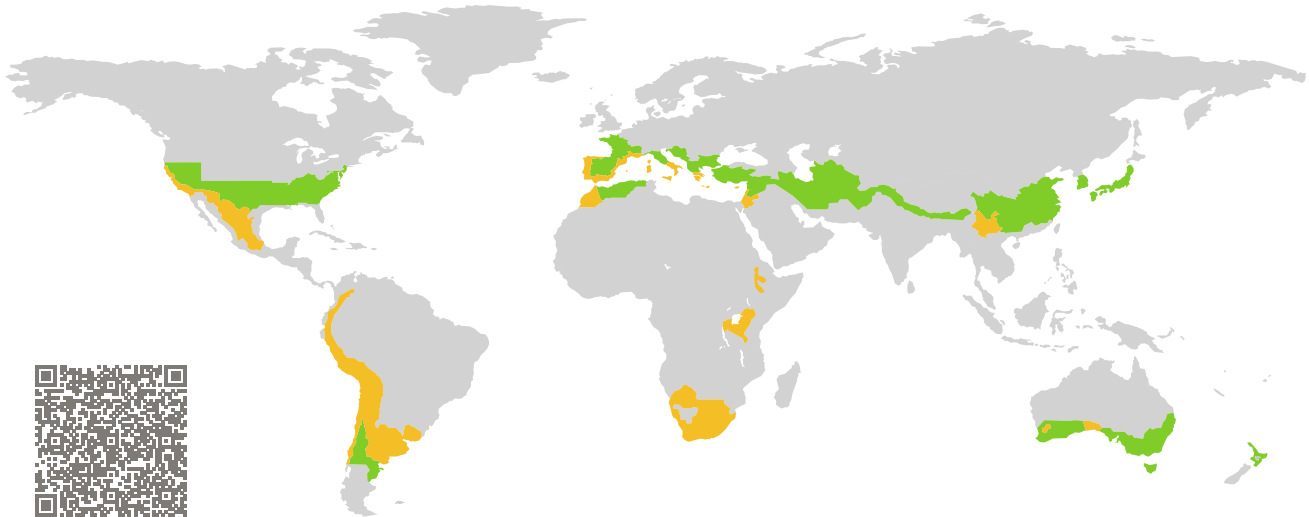


证书

被动房已认证组件

组件认证编码 2148wi04 有效至 31st December 2026

Passive House Institute
Dr. Wolfgang Feist
64283 Darmstadt
Germany

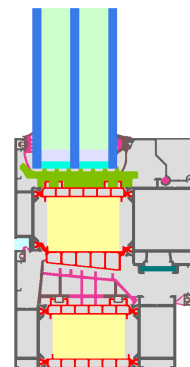


类别: 窗框
制造商: 深圳好博窗控技术股份有限公司
Shenzhen HOPO Window Control Technology Co., Ltd,
Shenzhen,
China
产品名称: **STORO HS58-90 Passive**

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

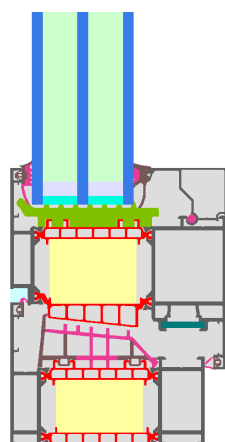
www.passivehouse.com

warm, temperate climate

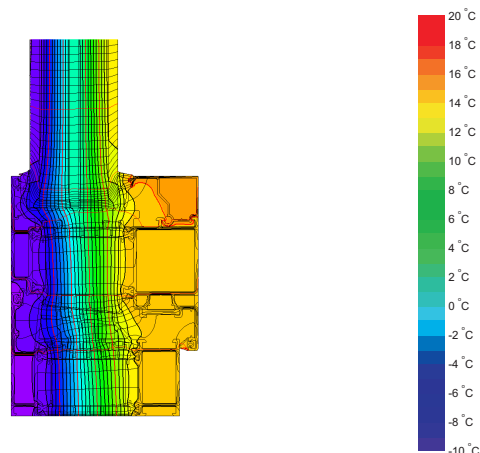


**CERTIFIED
COMPONENT**

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	W/(m ² K)
		↓	↓	↓	↓	
整窗	$U_w =$	0.96	0.79	0.75	0.72	W/(m ² K)

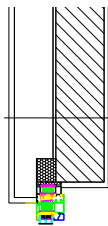
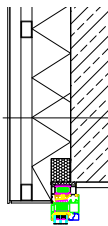
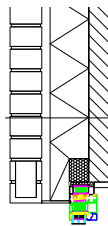
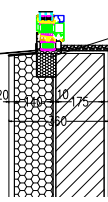
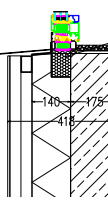
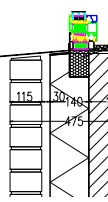
建筑透明组件通过非透明部份的传热损失进行节能分级。整窗传热损失包括由窗框U值和窗框宽度, 暖边热桥和暖边长度引起的热损失。详细计算可从制造商获取。

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意义。

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

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		

安装节点

Exterior insulation and finishing system	Ventilated facade	Cavity wall
$U_{\text{墙}} = 0.23 \text{ W}/(\text{m}^2 \text{ K})$	$U_{\text{墙}} = 0.23 \text{ W}/(\text{m}^2 \text{ K})$	$U_{\text{墙}} = 0.22 \text{ W}/(\text{m}^2 \text{ K})$
 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)	 Ventilated facade – substructure Mineral wool 0.035 W/(mK) Concrete 2.3 W/(mK) Interior plaster 0.57 W/(mK)	 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	 Suitable fastening, e.g. mounting frame or bracket, but only protruding as far as necessary for fixing the window	 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 0.018	上口 0.018	上口 0.018
侧边 0.018	侧边 0.018	侧边 0.018
下口 0.024	下口 0.025	下口 0.025
$U_{W, \text{已安装}} = 1.02 \text{ W}/(\text{m}^2 \text{ K})$	$U_{W, \text{已安装}} = 1.02 \text{ W}/(\text{m}^2 \text{ K})$	$U_{W, \text{已安装}} = 1.02 \text{ W}/(\text{m}^2 \text{ K})$

免责声明：德国被动式房屋研究所（Passive House Institute GmbH, PHI）根据《Certified Passive House Components: Transparent Building Components and Opening Elements in the Building Envelope》的信息、标准与算法》所规定的标准，并基于制造商提供的信息，进行热传递分析。PHI 不对现场施工进行核查。项目负责人（例如建筑师）有责任确保所安装的构件在几何形状、配置和材料规格上与认证产品一致。

制造商必须根据建设项目相关方的要求提供完整的产品信息。相关方可将提供的信息与项目文件进行比对，并在质量保证过程中进行现场检查。

