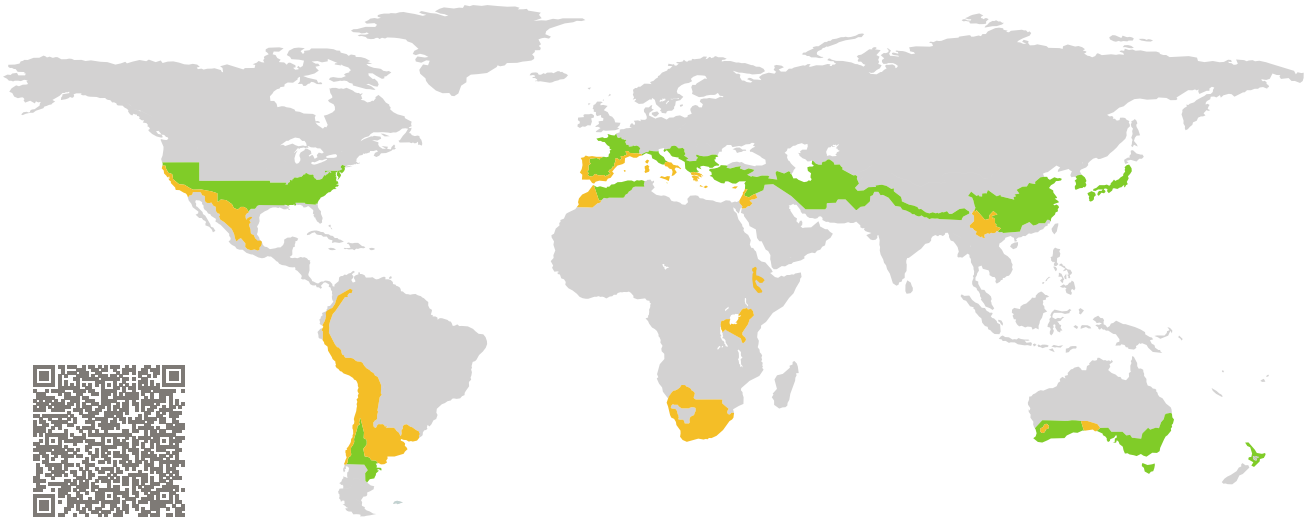
证书

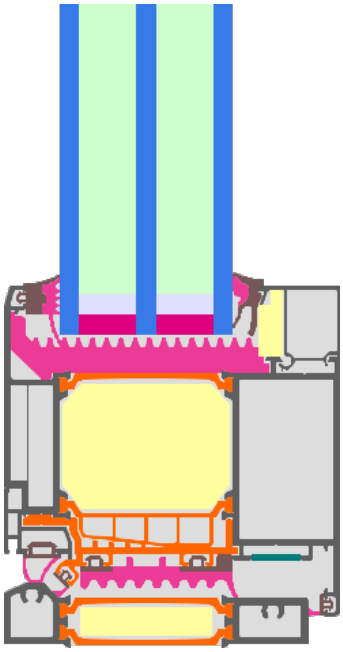
被动房已认证组件

组件认证编码 2378ed04 有效至 31st December 2025

Passive House Institute
Dr. Wolfgang Feist
64283 Darmstadt
Germany



类别:	**Entry door**
制造商:	**FOSHAN SANSHUI FENGLU ALUMINIUM COMPANY LIMITED** **Foshan** **China**
产品名称:	**FG95MHI**



(内开)

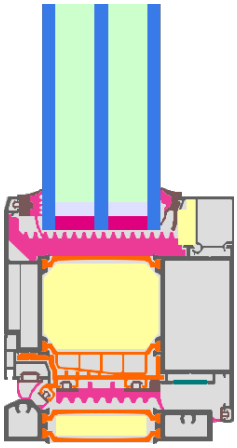
针对温和气候区，此产品符合以下标准并授予证书

舒适度	U_D= 0.94	≤	1.00 W/(m² K)
	$U_{D,installed}$	≤	1.05 W/(m² K)
	with U_g[1]	=	0.90 W/(m² K)
卫生标准	$f_{Rsi=0.25}$	≥	0.65

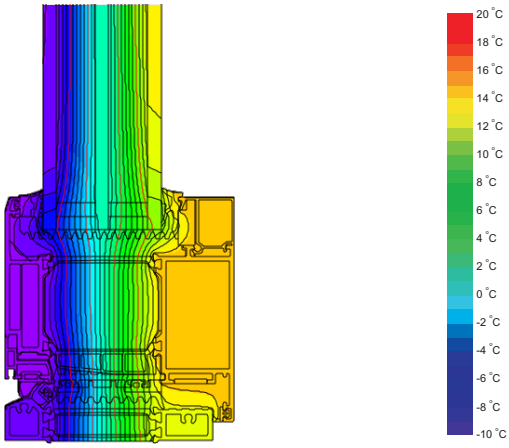
[1]Fully glazed door

warm, temperate climate

CERTIFIED COMPONENT
Passive House Institute



计算模型



等温线图

认证产品描述

铝制框架，带隔热层（Technoform Low Lambda，0.21 W/(mK)）和隔热层（Kingspan Kooltherm，0.022 W/(mK)）。玻璃厚度：54 毫米（6/18/6/18/6），凹槽深度：15 毫米。由于门是全玻璃的，因此认证不需要进行气密性测试，但在其他情况下可能需要进行气密性测试。如果 Ug 值为 0.80，则 Ud 值为 0.88 W/(mK)；如果 Ug 值为 0.70，则 Ud 值为 0.81 W/(mK)；如果 Ug 值为 0.65，则 Ud 值为 0.78 W/(mK)。

说明

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

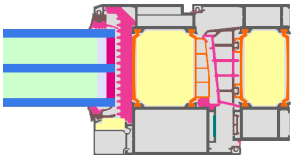
A detailed report of the calculations performed in the context of certification is available from the manufacturer.
Unless stated otherwise, the air tightness was determined according to EN 1026 with respect to the joint length under climate load in conjunction with EN 1121 for the closed, non-locked 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.

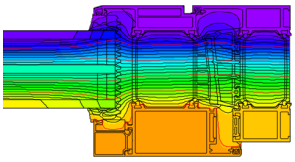
Further information relating to certification
can be found on www.passivehouse.com and passipedia.org.

窗框参数		宽度 b_f mm	U-值 U_f W/(m² K)	Ψ edge Ψ_g W/(m K)	温度系数（卫生标准） $f_{Rsi=0.25}$ [-]
门枢纽边	(DJ1)	137	0.79	0.032	0.73
门上锁于外边	(DL1)	137	0.79	0.032	0.73
上横框	(OH1)	137	0.79	0.032	0.73
门槛	(OT2)	112	0.94	0.032	0.72
暖边间隔条: Technoform-Spacer SP16				双层密封胶: Silicone	

门枢纽边

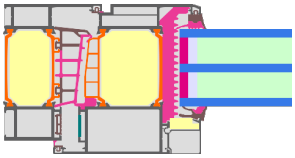
b_f = 137 mm
U_f = 0.79 W/(m² K)
Ψ_g = 0.032 W/(m K)
f_{Rsi} = 0.73

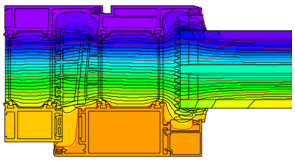




门上锁于外边

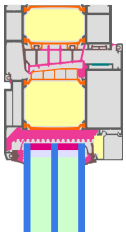
b_f = 137 mm
U_f = 0.79 W/(m² K)
Ψ_g = 0.032 W/(m K)
f_{Rsi} = 0.73

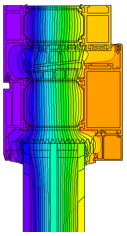




上横框

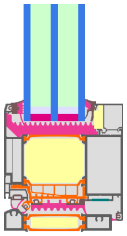
b_f = 137 mm
U_f = 0.79 W/(m² K)
Ψ_g = 0.032 W/(m K)
f_{Rsi} = 0.73

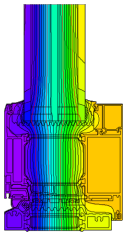




门槛

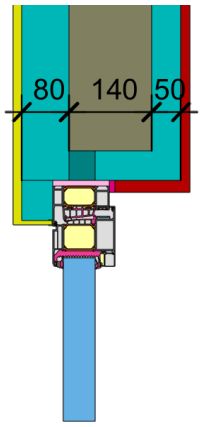
b_f = 112 mm
U_f = 0.94 W/(m^2 K)
Ψ_g = 0.032 W/(m K)
f_{Rsi} = 0.72





砌块系统 顶部 (开启扇)

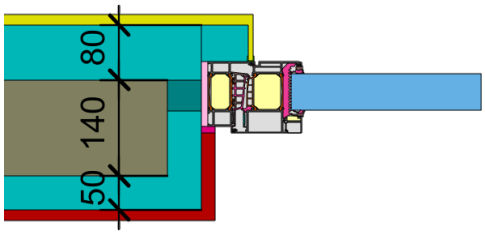
U_1 = 0.25 [W/(m² K)]



$\Psi_{安装}$ = 0.01 W/(m K)

砌块系统 边 (开启扇)

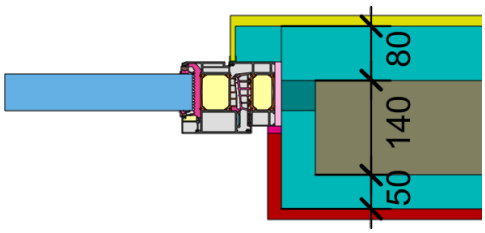
U_1 = 0.25 [W/(m² K)]



$\Psi_{安装}$ = 0.01 W/(m K)

砌块系统 边 (开启扇)

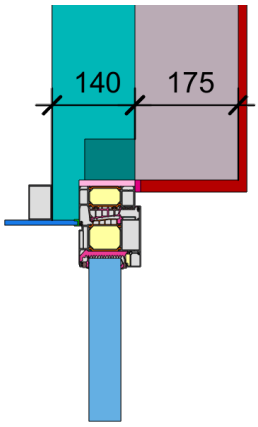
U_1 = 0.25 [W/(m² K)]



$\Psi_{安装}$ = 0.01 W/(m K)

Rain screen head (operable)

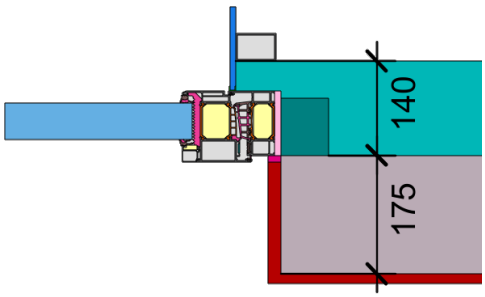
U_1 = 0.22 [W/(m² K)]



$\Psi_{安装}$ = 0.01 W/(m K)

Rain screen side (operable)

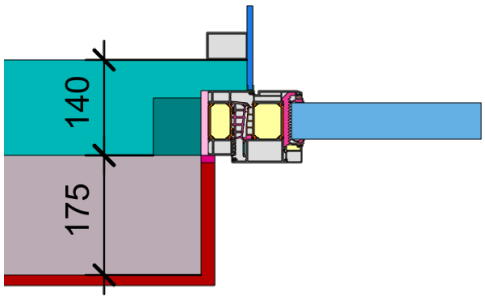
U_1 = 0.22 [W/(m² K)]



$\Psi_{安装}$ = 0.01 W/(m K)

Rain screen side (operable)

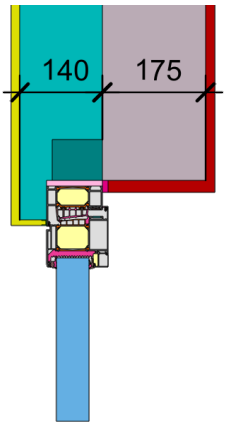
U_1 = 0.22 [W/(m² K)]



$\Psi_{安装}$ = 0.01 W/(m K)

外保温及饰面系统 (EIFS)顶部(开启扇)

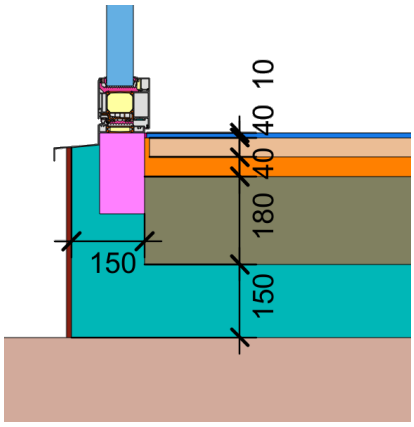
U_1 = 0.23 [W/(m² K)]



$\Psi_{安装}$ = 0.01 W/(m K)

外保温及饰面系统(EIFS)(EIFS)窗槛底部木板(开启扇)

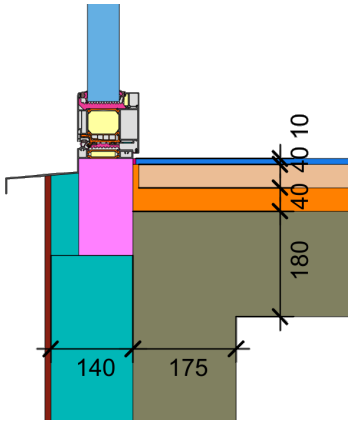
U_1 = 0.21 U_2 = 0.18 [W/(m² K)]



$\Psi_{安装}$ = 0.04 W/(m K)

外保温及饰面系统 (EIFS)窗槛天花板(开启扇)

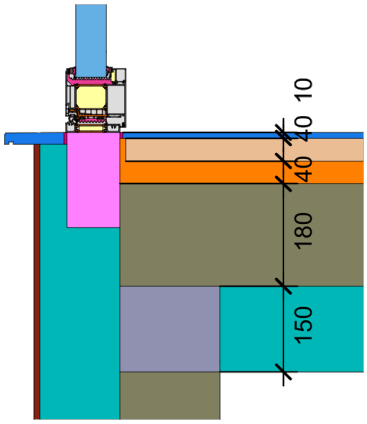
U_1 = 0.24 [W/(m² K)]



$\Psi_{安装}$ = 0.06 W/(m K)

外保温及饰面系统 (EIFS)窗槛((开启扇)

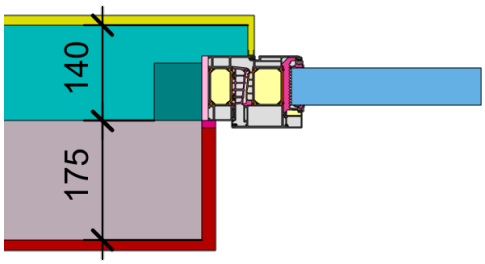
U_1 = 0.23 U_2 = 0.17 [W/(m² K)]



$\Psi_{安装}$ = 0.02 W/(m K)

外保温及饰面系统 (EIFS)边 (开启扇)

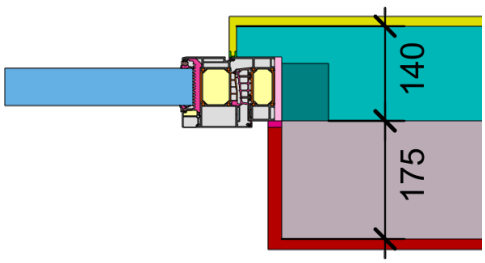
U_1 = 0.23 [W/(m² K)]



$\Psi_{安装}$ = 0.01 W/(m K)

外保温及饰面系统 (EIFS)边 (开启扇)

U_1 = 0.23 [W/(m² K)]



$\Psi_{安装}$ = 0.01 W/(m K)