

# Certificate

valid until 31.12.2018

 **Passivhaus  
Institut**  
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**Low Energy  
Component:**

**Facade anchor  
Allface Wall Bracket F5 / F5+**

**Hersteller: Allface Befestigungstechnologie GmbH  
2544, Leobersdorf, AUSTRIA**

**The following criteria were used in awarding this certificate:**

Efficiency Criterion

In two typical applications<sup>\*)</sup>, the construction is

$$\Delta U_{WB} < 0,025 \quad \text{W/(m}^2\text{K)}$$

Comfort Criterion

The inner surface must be warm enough to prevent mould as well as uncomfortable down-drought and radiation losses.

$$\theta_{i,min} > 17,00 \quad ^\circ\text{C}$$

**The following thermal data were determined:**

Type	Component ID	thermal bridge coefficient $\chi$ [W/K]	minimum temperature of the inner surface $\theta_{i,min}$ [°C]
Fix Point F5+	0970fa03	0,0130	19,27
Sliding Point F5		0,0081	19,34

\* The criterion was validated on both, a row house and a school building

