

PfB Testing Centre for Construction Elements

14.09.2016

Certificate No. 16/09-A392-Z1

Permeability to air



tested in accordance with DIN EN 1026:2016-09 (in horizontal installation)

Wellhöfer Thermal Protection WS Attic Stairs and Connection System

Air Permeability: Class 4

in accordance with DIN EN 12207, at overpressure/underpressure 600 Pa

Joint Permeability Coefficient: a-value = 0.01

$\text{m}^3/\text{hm}(\text{daPa}^{2/3})$; in accordance with DIN 4108-2

Air Permeability: q_{50} -value = 0.03

m^3/mh at 50 Pa; in accordance with DIN 4108-7

- > Permeability to air is **almost twice as good** as the requirements for class 4 (DIN EN 12207)
- > Permeability to air is **10x better** than required for the construction element connection joints (DIN 4108-2)
- > **Significantly exceeds** the requirements for airtightness as set out by blower door tests (DIN 13829) and EnEV (German Energy Saving Ordinance)