

Bodenwöhr, 23.12.2020

TP 654 – Application in passiv houses

To whome it may concern,

The certification requirements of the *Passivhaus Institute* from January 2018 for airtight window sealings are requiring certain air tightness values for classification. For achieving the class phA an air permeability @50Pa of $\leq 0,30 \text{ m}^3/\text{h m}$ is required.

In test report 194928 from MPA Hannover dated on 07.10.2019 two dimensions of TP654 (at this time called under the project Name illmod SWA) have been tested on air tightness following DIN EN 1026:

Here at 50Pa the following air permeability values have been observed:

TP654 58/6-20 in a 20 mm joint: $0,138 \text{ m}^3/\text{h m}$.

TP654 58/10-30 in a 30 mm joint: $0,064 \text{ m}^3/\text{h m}$.

The detected values are fulfilling the requirement of $\leq 0,30 \text{ m}^3/\text{h m}$.

So it can be shown that the requirements for of the passive house institute on the air tightness of airtight window sealings are fulfilled for TP654.

Sincerely,



i.V. Dr. Markus Komma



i.A. Martin Hübschmann