

Usage table isofloc® active



Steep pitched roofs

up to 1,600 m above sea level

outside diffusion-tight, without backside ventilation (checked airtightness, no shading, no diffusion-impairing component layers on the inside)

over 1,600 m above sea level

outside diffusion-open

Flat gravel roofs, up to 240 mm insulation, no shading

up to 1,000 m above sea level

max. 5 cm gravel coverage, without backside ventilation (checked airtightness, no diffusion-impairing component layers on the inside)

over 1,000 m above sea level

please contact the technical hotline

Planted flat roofs, up to 240 mm insulation, shading, with 60 mm additional insulation (λ 0.035)*

up to 1,000 m above sea level

max. 10 cm substrate, without backside ventilation (checked airtightness, no diffusion-impairing component layers on the inside)

over 1,000 m above sea level

please contact the technical hotline

Walls

up to 700 m above sea level

outside diffusion-tight, without backside ventilation (no diffusion-impairing component layers on the inside)

up to 1,600 m above sea level

outside max. diffusion resistance 10 m (no diffusion-impairing component layers on the inside)

over 1,600 above sea level

outside diffusion-open

* Airtightness class A (q50 max 1.0 l/h), no precision plastering/screed work in the interior. No ventilation system with overpressure, interior use, max. normal humidity load (50% RH \pm 10%)

In general the following must be observed:

- driving rain protection for walls (plaster or facade)
- Use of dry wood. Wood moisture content \leq 15 % by weight. Structural elements not permanently in the shade!
- room-side maximum sd value before the vapour barrier = 0.5 m
- In case of CSO-applied insulation: allow structure to dry out before sealing (max. 20% by weight material moisture content in case of organic materials)
- Pay attention to the airtightness. Carry out a blower-door/Wincon test in case of critical constructions.
- additional insulation over the uppermost panelling, compulsory for all flat roofs without rear ventilation with shading and option for solar plants
- Hollow box systems are to be checked by a timber construction engineer with regard to deformation due to different material moisture contents

The information here reflects the latest technical knowledge. We reserve the right to make changes and to refine and thereby change the quality of the product.

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