

Fact sheet

The Baufritz AAA wall



Stagnant air cavity:

Protects against the effects of the weather (30 mm)

Additional insulation layer:

Service cavity filled with 60 mm soft wood fibre. Supply lines can also be installed at a later point

Additional insulation layer:

The outer layer made of soft wood fibre (60 mm) is attached to timber studs

Airtight membrane:

Made using technical paper

Weather-proof outer façade:

No visible mountings, available in different designs (Credo timber cladding used here)

Xund-E electrosmog protection technology:

Blocks approx. 96 % of electromagnetic radiation. Up to 99 % protection with Xund-E Protect (optional) (12.5 mm)

HOIZ ecological wood shavings insulation:

For a healthy indoor climate and excellent thermal insulation in winter as well as heat protection in summer (24 cm)

Interior wall finish:

Choose from natural gypsum plasterboard (18 mm) or timber panelling (18 mm)



The 46cm-thick Baufritz AAA wall achieves thermal insulation values of a low as $0.13\text{W/m}^2\cdot\text{K}$

Our standard Baufritz A wall is 37cm thick (varies depending on the façade design) and is for use in PlusEnergy, solar or passive houses with a U-value of $0.20\text{W/m}^2\cdot\text{K}$ (or $0.16\text{W/m}^2\cdot\text{K}$ with mineral render finish). Subject to modifications.



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