

Technical Specifications HEAT and INSULATION



1. Insulation

Envelope (opaque parts)

PRINCIPLE	Extremely efficient insulation to be able to give up the conventional heating system (insulation thickness: 20-30 cm on the ground, 30-40 cm in the wall, 40-50 cm on the roof)
NORM	U Coefficient $\leq 0,15 \text{ W/m}^2\text{K}$
RECOMMENDATION	U Coefficient $\leq 0,11 \text{ W/m}^2\text{K}$

Connections

PRINCIPLE	Without thermal breaks
NORM	γ linear transmission coefficient $\leq 0,01 \text{ W/mK}$

Air tightness

PRINCIPLE	Airtight envelope. Use of airtight and/or and/or sasusi doors.
NORM	Air refreshment for $n_{50} < 0.6 \text{ h}^{-1}$ according to NBN EN 13829