



Properties include:

- Thermal performance:
- ✓ 80mm R= 1.95m²K/W
 - ✓ 100mm R= 2.44 m²K/W
 - ✓ 140mm R= 3.41 m²K/W
 - ✓ 180mm R= 4.39 m²K/W

Humidity behaviour: Water vapour diffusion resistance factor $\mu = 1,58$

- Mechanical behaviour:
- ✓ Rot resistant
 - ✓ Compressible
 - ✓ Durable
 - ✓ Stable dimensionally (<1% based on EN 1604)
 - ✓ Extremely resistant to UV rays

- Acoustic properties:
- ✓ 80mm - 47db reduction
 - ✓ 100mm - 49db reduction
 - ✓ 140mm - 54db reduction
 - ✓ 180mm - 56db reduction

- Fire safety:
- ✓ M1 (NFP92-504) B-s2-d0
 - ✓ Melting point: 230°C
 - ✓ Self-flaming point: 450°C

- Health:
- ✓ Does not contain dangerous substances
 - ✓ Does not contain biocides
 - ✓ Does not emit toxic volatile substances
 - ✓ Odourless
 - ✓ No chemical binders (the fibers are thermally bonded)
 - ✓ Home-Iso is resistant to vermin, insects and micro-organisms
 - ✓ Home-Iso does not promote mold growth
 - ✓ Home-Iso holds Oeko-Tex 100 (class 1) certification, certifying that it has no impact on the quality of inside air

- Installation:
- ✓ Fast & Simple
 - ✓ No protective clothing or equipment is necessary
 - ✓ 100% recyclable
 - ✓ Can be cut with the KdB Insulation saw (Saw can be re-sharpened)