**Composition**

- Manufactured from untreated Black Forest spruce and fir
- Additives:
  - 4.0 % polyurethane resin (binder)
  - 0.5% paraffin (hydrophobic agent)

**Applications**

- Above rafter insulation with full surface contact to substrate
- Between rafter insulation
- Interior insulation of floors
- Insulation of timber frame and prefab modular house sections
- Insulation of top storey ceilings
- Insulation of solid wood walls (e.g. over sheathing) and masonry walls (vented facades)
- Lightweight partition walls

**Advantages**

- Optimum thermal insulation
- Superior thermal storage capacity provides outstanding insulation against heat in the summer and cold in winter.
- Improves acoustic insulation
- Regulates humidity
- Water vapour diffusion permeable
- Lightly treated with a hydrophobic agent
- Quick and easy installation
- Suitable substructure in GUTEX Thermowall composite thermal insulation system.
- Refer to the GUTEX brochure "External Thermal Insulation Composite System".
- Wood is a sustainable, recyclable natural resource
- Made in Germany
- Biologically safe (natureplus® certified)

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**GUTEX Thermosafe-homogen**, a universal insulating board with single-ply construction and homogenous cross section, provides superb protection against the heat in summer and loss of heat in winter.
Installation

– Store and install this product dry.
– Offset the joints if installing multiple layers.
– Avoid cross joints.
– Install with full surface contact to substrate
– Use only with GUTEX Multiplex-top, GUTEX Ultratherm (above rafter insulation) or GUTEX Multitherm (vented facades).
– Do not exceed board thickness of 60 mm under wet screed. For further floor constructions, see GUTEX Thermostable-wd and GUTEX Thermofloor.
– For best cutting results, use a GUTEX saw or GUTEX blades for jigsaws or circular saws and a vacuum fitting.
– Vacuum off the dust in accordance with applicable workplace safety regulations or practices.

Vented Facade Detail

1. GUTEX Thermostable-homogen
2. GUTEX Multitherm
3. Sealing strip
4. Window jamb
5. Cross battens/Venting
6. Timber cladding

Window Sill

1. GUTEX Multitherm
2. Window jamb
3. Window sill
4. Window frame
5. Timber cladding

Foundation/Wall

1. GUTEX Thermostable-homogen
2. GUTEX Multitherm
3. Plate
4. Air grate
5. Cross battens/Venting
6. Timber cladding

Corner/Wall

1. GUTEX Thermostable-homogen
2. GUTEX Multitherm
3. Corner bead
4. Timber cladding
Above Rafter Insulation Detail

Roof Interruptions

1. GUTEX Multiplex-top/GUTEX Ultratherm
2. GUTEX Primer
3. GUTEX Joint Tape
4. Cross battens

Ridges

1. GUTEX Multiplex-top/GUTEX Ultratherm
2. Vapour permeable roofing felt
3. Cross battens

Gable Ends

1. Sheathing of exterior overhang
2. GUTEX Thermosafe-homogen
3. GUTEX Multiplex-top/GUTEX Ultratherm
4. Vapour permeable roofing felt
5. Cross battens

Eaves Variation 1

1. Sheathing of exterior overhang
2. GUTEX Thermosafe-homogen
3. GUTEX Multiplex-top/GUTEX Ultratherm
4. Vapour permeable roofing felt
5. Cross battens

Eaves Variation 2

1. Sheathing of exterior overhang
2. GUTEX Multiplex-top/GUTEX Ultratherm
3. Vapour permeable roofing felt
4. Cross battens

Valleys

1. GUTEX Multiplex-top/GUTEX Ultratherm
2. GUTEX Primer
3. GUTEX Joint Tape

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