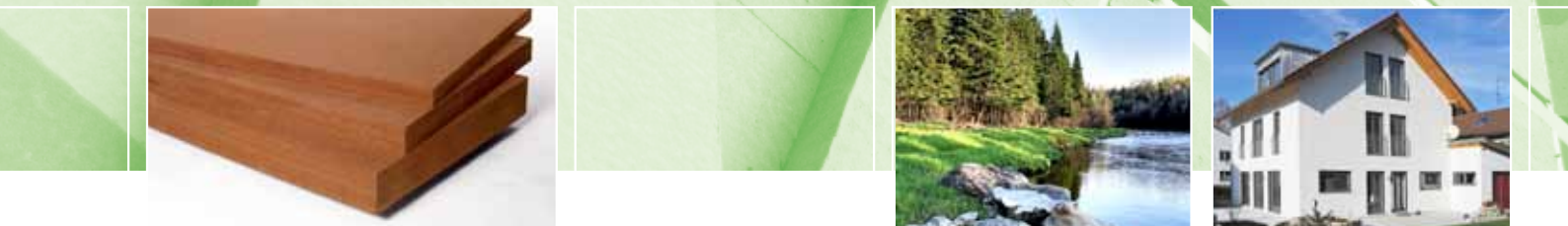


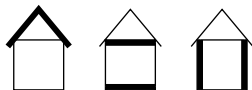
Environmentally-friendly insulation system
made from natural wood fibres



| AREAS OF APPLICATION

Rigid insulation from natural wood fibre for wall and roof applications

Sub screed insulation



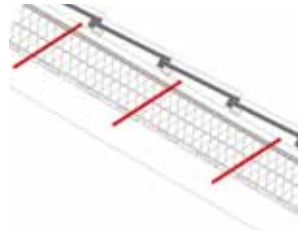
| MATERIAL

Wood fibre insulation board produced in accordance with EN 13171 and with ongoing quality supervision

Wood for STEICO*therm* comes from sustainable forestry and is independently certified by the FSC®

- Multifunctional rigid woodfibre insulation board
- Quick and easy installation
- Excellent insulation properties in winter and summer
- Made from FSC® certified woodfibre
- High compression strength
- Water vapour open
- Helps to regulate the indoor climate
- Ecological and environmentally friendly
- Fully recycleable

For more information please visit our website at Lincolnshirelime.co.uk



PACKAGING STEICO^{therm}

ADVICES

Store flat, level and under cover.
Protect edges from damage

Remove plastic foil packing only
when the pallet is on hard,
dry and even ground

Max. stacking height: 2 paletts

For dust extraction please refer to
national requirements

ADDITIONAL AREAS OF APPLICATION

(according to national regulations)

| |
|---|
| External insulation for roofs or floors with discontinuously laid coverings or under sarking felt |
| Interior insulation for floors or roofs, insulation between rafters |
| Insulation under a screed |
| External insulation for walls behind a rain screen |
| Insulation for timber structures |

| Thickness [mm] | Size [mm] | Edge profile | Weight [kg/m ²] | Pieces / Pallet | m ² / Pallet | Weight/Pal [kg] |
|----------------|-------------|---------------------|-----------------------------|-----------------|-------------------------|-----------------|
| 20* | 1,350 * 600 | square edge | 3.20 | 116 | 94.0 | ca. 300 |
| 30* | 1,350 * 600 | square edge | 4.80 | 74 | 59.9 | ca. 300 |
| 40 | 1,350 * 600 | square edge | 6.40 | 56 | 45.4 | ca. 310 |
| 60 | 1,350 * 600 | square edge | 9.60 | 38 | 30.8 | ca. 300 |
| 80 | 1,350 * 600 | square edge | 12.80 | 28 | 22.7 | ca. 310 |
| 100 | 1,350 * 600 | square edge | 16.00 | 22 | 17.8 | ca. 300 |
| 120 | 1,350 * 600 | square edge | 19.20 | 18 | 14.6 | ca. 300 |
| 140 | 1,350 * 600 | square edge | 22.40 | 16 | 13.0 | ca. 300 |
| 160 | 1,350 * 600 | square edge | 25.60 | 14 | 11.3 | ca. 300 |
| 180 | 1,350 * 600 | square edge | 28.80 | 12 | 9.7 | ca. 310 |
| 200 | 1,350 * 600 | square edge | 32.00 | 12 | 9.7 | ca. 325 |
| 100 | 1,880 * 600 | tongue and groove** | 16.00 | 22 | 24.8 | ca. 420 |
| 120 | 1,880 * 600 | tongue and groove** | 19.20 | 18 | 20.3 | ca. 420 |
| 140 | 1,880 * 600 | tongue and groove** | 22.40 | 16 | 18.0 | ca. 420 |
| 160 | 1,880 * 600 | tongue and groove** | 25.60 | 14 | 15.8 | ca. 420 |

*see datasheet STEICO^{therm} SD

**Coverage dimensions: 1,850 * 570 mm

CHARACTERISTIC VALUES STEICO^{therm}

| | |
|--|---|
| Produced and supervised according to | EN 13171 |
| Board designation | WF – EN 13171 – T4 – CS(10\Y)50 – TR2.5 – AF 100 |
| Edge profile | square edged |
| Fire class according to EN 13501-1 | E |
| Declared thermal conductivity λ_D [W/(m*K)] | 0.038 |
| Declared thermal resistance R_D [(m ² *K)/W] | 0.5(20) / 0.8(30) / 1.0(40) / 1.5(60) / 2.0(80) / 2.5(100) / 3.1(120) / 3.6(140) / 4.1(160) / 4.6(180) / 5.1(200) |
| Density [kg/m ³] | ca. 160 |
| Water vapour diffusion resistance factor μ | 5 |
| s_d value [m] | 0.1(20)/0.2(40)/0.3(60) / 0.4(80) / 0.5(100) / 0.6(120) / 0.7(140) / 0.8(160) |
| Specific heat capacity c [J/(kg*K)] | 2100 |
| Minimum compression strength at 10% deformation σ_{10} [N/mm ²] | 0.05 |
| Minimum compression strength [kPa] | 50 |
| Tensile strength perpendicular to face \perp [kPa] | ≥ 2.5 |
| Declared level of airflow resistance [(kPa*s)/m ²] | ≥ 100 |
| Raw material | wood fibre, bond between layers |
| Waste code (EAK) | 030105/170201 |



Your STEICO Agent

Lincolnshire Lime

call 01469 531 227 or 07743 362 408

www.steico.co.uk