Technical information

Denomination
WF-EN15101-1-AF5-MU1/2

Type approval
ETA 16/0954

Recommended blow-in density, open blown
Nominal value of thermal conductivity $\lambda_D$
$0.041 \text{ [W/(mK)]}$
Rated value of thermal conductivity $\lambda$
$0.043 \text{ [W/(mK)]}$

Recommended blow-in density, closed cavities
Nominal value of thermal conductivity $\lambda_D$
$0.039 \text{ [W/(mK)]}$
Rated value of thermal conductivity $\lambda$
$0.041 \text{ [W/(mK)]}$

Reaction to fire according to DIN EN 13501-1
E

Construction material class according to DIN 4102-1
B2

Linear flow resistance
$> 5 \text{ [kPa-s/m2]}$

Full declaration
Wood fibers, fire retardants: ammonium sulphate

Production process
Dry process

Water vapor diffusion resistance $\mu$
1-2

Specific heat capacity
$2100 \text{ [J/(kg K)]}$

Waste code according to AVV
030105, 170201

Fields of application according to DIN 4108-10

<table>
<thead>
<tr>
<th>Application</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>DZ, Di-zk, WH, Wi-zk, WTR</td>
<td>Insulation between rafters, insulation of wooden ceilings, insulation of upper floor slabs</td>
</tr>
<tr>
<td>DZ</td>
<td>Insulation between rafters, insulation of upper floor slabs</td>
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<tr>
<td>DI</td>
<td>Internal insulation of the ceiling (from below) or of the roof, insulation under rafters/supporting structure, suspended ceiling, and so on</td>
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<tr>
<td>zk</td>
<td>No special requests as to tensile strength</td>
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<tr>
<td>WH</td>
<td>Infilling insulation of walls in wooden framework and timber frame constructions</td>
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<tr>
<td>WI</td>
<td>Inside insulation of walls</td>
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<tr>
<td>WTR</td>
<td>Insulation of partition walls</td>
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</tbody>
</table>

FIBRE offers the possibility to insulate even complicated compartments. A joint-free insulation can be guaranteed. Thanks to the interconnection of the wood fiber, a constant resistance against settling can be obtained at a fill density of 35 – 38 kg/m$^3$.