Waterproofing materials

- Bitumen Waterproofing
- Waterproofing Properties
- Products
- Range of Application
**SOLThERM B-MB EMULSION**

Asphalt latex emulsion sealing all substrates. When thinned with water can be applied as a primer.

**Properties**
- Ready to use
- Does not contain solvents, protects natural environment
- Versatile, multi-purpose
- Hand and sprayer applied
- UV resistant

**Use**
- Damp proofing of retaining earth below grade building structures to keep out soil moisture
- Prime coat (when thinned with water) for bitume waterproofing coatings
- Roofing repair (repair of old bituminous sealing of roof coverings)

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**SOLThERM B-1SM EXPRESS**

Single component thick coat asphalt rubber compound with polystyrene filler for waterproof membrane and XPS board installation.

**Properties**
- Ready to use
- Solvent-free
- Fast-drying
- Quickly obtains resistance to rainwater
- Hand and sprayer applied
- Very flexible since it is polystyrene and plastic-modified
- Crack bridging
- Resistant to aggressive substances present in soil
- Attachment of insulation boards
- For interior and exterior application

**Use**
- Meets the requirements for damp proofing and water proofing (including heavy duty)
- Provides durable and flexible waterproofing of below grade horizontal and vertical building structures
- Waterproofing (under screeds) of concrete slabs, balconies and terraces
- Attachment of insulation boards

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**SOLThERM B-2SM PROFi**

Two-component thick coat asphalt rubber compound with polystyrene filler for waterproof membrane and XPS board installation.

**Properties**
- Quickly increases weather resistance properties of the substrate after application
- Fast-drying
- Hand applied
- Enhanced flexibility
- Crack bridging
- Resistant to aggressive substances present in soil
- Attachment of insulation boards
- Solvent-free
- For interior and exterior application

**Use**
- Meets the requirements for damp proofing and water proofing (including heavy duty)
- Provides durable and flexible waterproofing of below grade horizontal and vertical building structures
- Waterproofing (under screeds) of concrete slabs, balconies and terraces
- Attachment of insulation boards to asphalt and mineral substrates
- Prime coat (when thinned with water) for bitumen waterproofing coatings
SOLTERM B-2SM UNI

TWO-PART, THICK-COAT FIBRE-REINFORCED BITUMEN AND RUBBER MASTIC TO PROVIDE A WATERPROOFING COATING AND INSTALL XPS BOARDS.

Properties
- Quickly increases weather resistance properties of the substrate after application
- Fast-drying
- Hand applied
- Enhanced flexibility
- Crack bridging
- Resistant to aggressive substances present in soil
- Attachment of insulation boards
- Solvent-free
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Use
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- Prime coat (when thinned with water) for bitumen waterproofing coatings

DAMP PROOFING
SOLTERM B-MB EMULSION

DAMP PROOFING WATER PROOFING
SOLTERM B-1SM EXPRESS
SOLTERM B-2SM UNI

HEAVY DUTY WATER PROOFING
SOLTERM B-1SM EXPRESS
SOLTERM B-2SM UNI
SOLTERM B-2SM PROFI

XPS BOARDS INSTALLATION

SOLTERM B-MB EMULSION
PRIMER (THINNED WITH WATER 1:5)

BOLIX B-2SM UNI
PRIMER (THINNED WITH WATER 1:9)

<table>
<thead>
<tr>
<th>TYPE OF WATERPROOFING</th>
<th>Soltherm B-MB Emulsion</th>
<th>Soltherm B-1SM Express</th>
<th>Soltherm B-2SM Profi</th>
<th>Soltherm B-2SM Uni</th>
</tr>
</thead>
<tbody>
<tr>
<td>Damp proofing</td>
<td>X</td>
<td>X</td>
<td></td>
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<tr>
<td>Water proofing</td>
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<td>X</td>
<td></td>
<td>X</td>
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<tr>
<td>Heavy duty</td>
<td></td>
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<td></td>
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<tr>
<td>waterproofing</td>
<td></td>
<td></td>
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<td>X</td>
</tr>
</tbody>
</table>
**SOLThERM B-MB EMULSION**

Asphalt latex emulsion sealing all substrates. When thinned with water can be applied as a primer.

**Properties**
- Ready to use
- Does not contain solvents, protects natural environment
- Versatile, multi-purpose
- Hand and sprayer applied
- UV resistant

**Use**
- Dampproofing of retaining earth below grade building structures to keep out soil moisture
- Prime coat (when thinned with water) for bitumen waterproofing coatings
- Roofing repair (repair of old bituminous sealing of roof coverings)

**SOLThERM B-1SM EXPRESS**

Single component thick coat asphalt rubber compound with polystyrene filler for waterproof membrane and XPS board installation.

**Properties**
- Ready to use
- Solvent-free
- Fast-drying
- Quickly obtains resistance to rainwater
- Hand and sprayer applied
- Very flexible since it is polystyrene and plastic-modified
- Crack bridging
- Resistant to aggressive substances present in soil
- Attachment of insulation boards
- For interior and exterior application

**Use**
- Meets the requirements for dampproofing and waterproofing (including heavy duty)
- Provides durable and flexible waterproofing of below grade horizontal and vertical building structures
- Waterproofing (under screeds) of concrete slabs, balconies and terraces
- Attachment of insulation boards

**SOLThERM B-2SM PROFI**

Two-component thick coat asphalt rubber compound with polystyrene filler for waterproof membrane and XPS board installation.

**Properties**
- Quickly increases weather resistance properties of the substrate after application
- Fast-drying
- Hand applied
- Enhanced flexibility
- Crack bridging
- Resistant to aggressive substances present in soil
- Attachment of insulation boards
- Solvent-free
- For interior and exterior application

**Use**
- Meets the requirements for dampproofing and waterproofing (including heavy duty)
- Provides durable and flexible waterproofing of below grade horizontal and vertical building structures
- Waterproofing (under screeds) of concrete slabs, balconies and terraces
- Attachment of insulation boards to asphalt and mineral substrates
- Prime coat (when thinned with water) for bitumen waterproofing coatings
<table>
<thead>
<tr>
<th>USE</th>
<th>damp proofing</th>
<th>water proofing</th>
<th>heavy duty water proofing</th>
<th>attachment of insulation boards</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Soltherm B-MB Emulsion</strong></td>
<td>0.6</td>
<td>0.13</td>
<td>Ca 2kg/m²</td>
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<tr>
<td>coverage (l/m²)</td>
<td>3.5</td>
<td>3.15</td>
<td>Ca 2kg/m²</td>
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<tr>
<td>wet coat thickness (mm)</td>
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<td>4.5</td>
<td>Ca 2kg/m²</td>
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<tr>
<td>dry coat thickness (mm)</td>
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<td>4.05</td>
<td>Ca 2kg/m²</td>
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<tr>
<td><strong>Soltherm B-1SM Express</strong></td>
<td>ca. 4.5</td>
<td>ca. 4.5</td>
<td>Ca 2kg/m²</td>
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<tr>
<td>coverage (l/m²)</td>
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<td>wet coat thickness (mm)</td>
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<td>6</td>
<td>Ca 2kg/m²</td>
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<tr>
<td>dry coat thickness (mm)</td>
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<td>4.8</td>
<td>Ca 2kg/m²</td>
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<tr>
<td><strong>Soltherm B-2SM Profi</strong></td>
<td>ca. 4.4</td>
<td>ca. 4.4</td>
<td>Ca 2kg/m²</td>
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<td>coverage (l/m²)</td>
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<td>wet coat thickness (mm)</td>
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<tr>
<td><strong>Soltherm B-2SM Uni</strong></td>
<td>ca. 5.7</td>
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<tr>
<td>coverage (l/m²)</td>
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<td>5.7</td>
<td>Ca 2kg/m²</td>
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<tr>
<td>wet coat thickness (mm)</td>
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<td>Ca 2kg/m²</td>
<td></td>
</tr>
<tr>
<td>dry coat thickness (mm)</td>
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<td>Ca 2kg/m²</td>
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<tr>
<td>PROPERTIES</td>
<td>Soltherm B-MB Emulsion</td>
<td>Soltherm B-1SM Express</td>
<td>Soltherm B-2SM Profi</td>
<td>Soltherm B-2SM Uni</td>
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<td>----------------------------------</td>
<td>-------------------------</td>
<td>------------------------</td>
<td>----------------------</td>
<td>-------------------</td>
</tr>
<tr>
<td><strong>TYPE OF WATERPROOFING</strong></td>
<td>one-component thin-coat</td>
<td>one-component thin-coat</td>
<td>two-component thin-coat</td>
<td>two-component thin-coat</td>
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<tr>
<td><strong>OPEN TIME</strong></td>
<td></td>
<td></td>
<td>ca. 1.5 h</td>
<td>ca. 1.5 h</td>
</tr>
<tr>
<td><strong>AMBIENT AND SURFACE TEMP.</strong></td>
<td>from +5°C to 30°C</td>
<td>from +5°C to 30°C</td>
<td>from +5°C to 30°C</td>
<td>from +5°C to 30°C</td>
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<tr>
<td><strong>THICKNESS REDUCTION</strong></td>
<td>ca. 45%</td>
<td>ca. 10%</td>
<td>ca. 20%</td>
<td>ca. 30%</td>
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<tr>
<td><strong>DENSITY</strong></td>
<td>1.05 g/cm³</td>
<td>0.80 g/cm³</td>
<td>0.88 g/cm³</td>
<td>1.17 g/cm³</td>
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<tr>
<td><strong>RAINFALL RESISTANCE</strong></td>
<td>4-6 h</td>
<td>8 h</td>
<td>5 h</td>
<td>7 h</td>
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<tr>
<td><strong>HARDENING TIME</strong></td>
<td></td>
<td>min. 2 days</td>
<td>min. 2 days</td>
<td>min. 2 days</td>
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<tr>
<td><strong>MAXIMUM WET COATING THICKNESS</strong></td>
<td>6 mm</td>
<td>6 mm</td>
<td>8 mm</td>
<td>8 mm</td>
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<tr>
<td><strong>CRACK BRIDGING</strong></td>
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<td>2 mm</td>
<td>2 mm</td>
<td>2 mm</td>
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<tr>
<td><strong>REINFORCING FIBRES</strong></td>
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<tr>
<td><strong>CONTAINER</strong></td>
<td>Container 251</td>
<td>Container 321</td>
<td>Container 301</td>
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<tr>
<td><strong>SHELF LIFE</strong></td>
<td>12 months</td>
<td>12 months</td>
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</table>