We have always been circular.

Amorim Cork Composites - a Corticeira Amorim company - was founded in 1963 to add value to cork not used in the cork stoppers industry and to cork stoppers at the end of their life.

Since then, in the framework of our innovation culture, we have discovered and identified other materials from other industries (industrial symbiosis) to blend with cork and leverage its attributes.

For this purpose, we use different materials from the footwear, automotive and packaging industries. We give a new life to materials that otherwise would be wasted.

So, together, we:

- Reduce waste
- Give a new life to products
- Take care of the planet
Sustainable insulation boards for thermal and acoustic insulation

Particularly suited to application on walls (exterior, interior and cavity walls), expanded cork agglomerate and cork boards, using different materials, represent a solution offering ecological and sustainable construction with excellent thermal and acoustic insulation properties.

The low thermal conductivity of cork, combined with its ability to store heat and release it slowly, makes it a very efficient thermal insulator, capable of preventing overheating in summer and maintaining a pleasant temperature in the cold winter months.

CORK PURE INSULATION BOARDS

<table>
<thead>
<tr>
<th>Dimension</th>
<th>Thickness</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>500x500 mm</td>
<td>10 mm</td>
<td>4 boards</td>
</tr>
</tbody>
</table>

FEATURES

↗ Acoustic and thermal insulation boards
↗ Compatible with different types of wall coverings
↗ Easy to install
↗ Durable and eco-friendly
↗ Recycled and recyclable product

TECHNICAL INFORMATION

<table>
<thead>
<tr>
<th>Feature</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Density</td>
<td>&gt; 225 kg/m³</td>
</tr>
<tr>
<td>Tensile Strength</td>
<td>≥ 250 kPa</td>
</tr>
<tr>
<td>Compressibility</td>
<td>30–45%</td>
</tr>
<tr>
<td>Recovery after impact</td>
<td>≥ 75%</td>
</tr>
</tbody>
</table>

SOUND PROPERTIES

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Absorption coefficient</td>
<td>α = 0.36</td>
</tr>
</tbody>
</table>

The Cork Inside seal guarantees that this product contains, in its cork formulation, a 100% natural and recyclable material with unique technical properties.

Cork Inside formulations combine cork with other materials and are developed and rigorously tested by Amorim Cork Composites’ innovation and engineering teams. Cork Inside responds to stringent requirements and guarantees the performance required for its application.
CORK MIX
INSULATION BOARDS

Density
210–270 kg/m³

Tensile Strength
≥ 400 kPa

Compressibility
20–40%

Recovery after impact
≥ 75%

FEATURES

Acoustic and thermal insulation boards
Compatible with different types of wall coverings
Easy to install
Durable and eco-friendly
Recycled and recyclable product

TECHNICAL INFORMATION

Dimension
500x500 mm

Thickness
13 mm

Quantity
4 boards per pack

CORK LIGHT
INSULATION BOARDS

Density
120–150 kg/m³

Tensile Strength
≥ 200 kPa

Compressibility
45–60%

Recovery after impact
≥ 70%

FEATURES

Acoustic and thermal insulation boards
Compatible with different types of wall coverings
Easy to install
Durable and eco-friendly
Recycled and recyclable product

TECHNICAL INFORMATION

Dimension
500x500 mm

 Thickness
8 mm

Quantity
4 boards per pack

SOUND PROPERTIES

Absorption coefficient
α= 0.25
AGGLOMERATED EXPANDED CORK
INSULATION BOARDS

**FEATURES**
- Natural expanded cork
- Excellent thermal and acoustic performance
- Durability of 50 to 60 years without loss of characteristics
- Recycled and recyclable product
- 100% natural and additive-free industrial process
- Totally recyclable
- CO₂ sink (Carbon Negative)
- Low embodied energy
- No emission of harmful compounds for indoor air quality

**TECHNICAL INFORMATION**

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Airborne sound insulation index</td>
<td>Rw = 50–55 dB</td>
</tr>
<tr>
<td>Density</td>
<td>110–120 kg/m³</td>
</tr>
<tr>
<td>Thermal conductivity</td>
<td>λ = 0.037–0.040 W/m°C</td>
</tr>
<tr>
<td>Bending Resistance</td>
<td>≥ 1.8 x 10⁴ kg/m²</td>
</tr>
<tr>
<td>Compression resistance at 10 %</td>
<td>≥ 100 kPa</td>
</tr>
<tr>
<td>Dimensional stability</td>
<td>Excellent</td>
</tr>
<tr>
<td>Fire Resistance</td>
<td>Euroclass E</td>
</tr>
</tbody>
</table>

**APPLICATIONS**
- Sloping roof with under-tile
- Simple partition with insulation
- ETICS
- Traditional underloor heating
The data provided in this brochure refers to typical figures. This information is not intended to be used as a purchasing specification and does not imply suitability for use in any specific application. Failure to select the proper product may result in either product damage or personal injury. Please contact Amorim Cork Composites regarding recommendations for specific applications. Amorim Cork Composites expressly disclaims all warranties, including any implied warranties of merchantability or of fitness for any particular purpose. Amorim Cork Composites shall not be liable for any indirect, special, incidental, consequential or punitive damages as a result of using the information listed in this brochure, any of its material specification sheets, its products or any future use or re-use of them by any person or entity. For contractual purposes, please request our Product Specifications Sheet (PDA).