

Cork. Naturally Durable.



AMORIM CORK COMPOSITES

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Why cork is the best choice?

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Sustainable choice



Why should I care about flooring?

Flooring is a key element in any home. A beautiful, high-quality floor makes the space almost immediately more pleasant and welcoming, and it also has an impact on the decoration and our feeling of comfort.

Choose the floor according to your lifestyle

From ceramic tiles to wood, laminate and vinyl floors, the flooring options available on the market are so diversified that choosing is not always easy. To make the process easier, besides personal taste and the budget available, keep these aspects in mind:

What is your lifestyle?

Lifestyle is another factor to consider. If you have children or pets running around the home, choose a floor that doesn't scratch easily and is easy to clean. Consider how much time you have to keep the floor in good condition: wood flooring, for example, requires more care than a ceramic tile or laminate floor.

Where in the home will it be applied?

The function of the space is a determining factor when choosing the most suitable floor. Kitchens and bathrooms require materials that are water-resistant, easy to clean and not slippery when wet. Living rooms and bedrooms, on the other hand, become more comfortable with laminate or wood flooring. Also, remember that the busier areas of the home, such as the living room and hallways, need sturdy and easy-to-maintain floors.



Why do I need underlayment?

Although we focus a lot on the visual appearance of the new floor, choosing the right underlayment is just as important as choosing the right flooring.

An underlayment is a layer of material applied between the concrete (or the previous floor if it's a renovation job) and the final floor during the floor installation process.

Apply an underlayment for more comfort and durability

Long-Term Durability



Acoustic and Thermal Insulation



Natural and Sustainable



Walking Comfort



AMORIM CORK COMPOSITES

What is the ideal solution for my floor?

Underlayments are a great solution for new construction applications and/or renovations of existing spaces.

Solutions for Ceramic floors

Areas where is required a resistant floor.
Application: kitchen, bathrooms, entryway, mudroom, and fireplace.



Underlayments for impact noise and thermal insulation. Protects the floor from damage, ensuring crack suppression.

Solutions for LVT/SPC floors

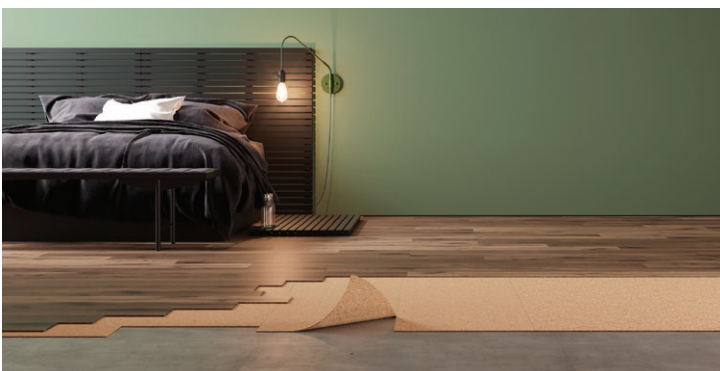
Areas where is required a resilient floor.
Application: bedroom, living room, office, entrance, and children's room.



Underlayments for impact noise, thermal insulation and LVT/SPC click protection.

Solutions for Laminate floors

Areas where is required a versatile floor.
Application: bedroom, living room, and office.



Underlayments for impact, noise, and pre-attached vapor barrier for moisture protection.

Solutions for Wood-based floors

Areas where is required a durable floor.
Application: bedroom, living room, office, entrance, and children's room.



Underlayments for impact noise and thermal insulation, a natural choice for anyone looking for a durable solution.

General installation instructions

Glued floor

The following installation instructions are recommended by Amorim Cork Composites, but are not intended as a definitive project specification. They are presented in an attempt to be used with recommended installation procedures of the flooring installer.

Final Flooring

Always follow manufacturers recommended installation instructions, particularly when adhesives are recommended.

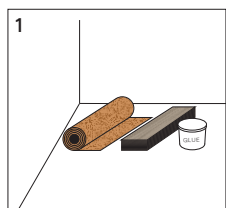
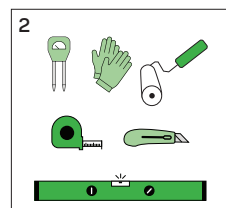
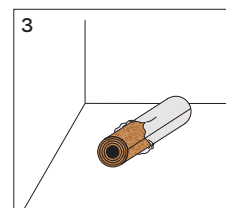
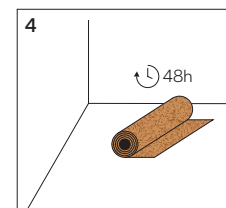
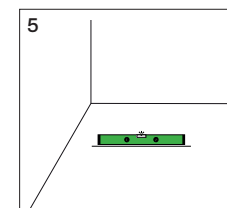
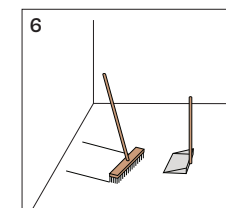
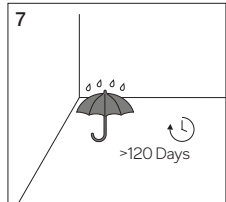
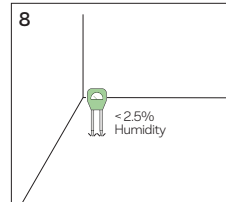
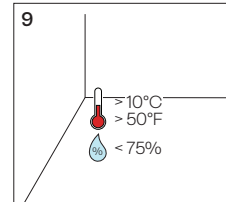
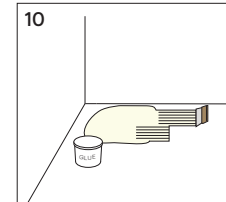
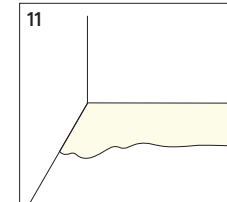
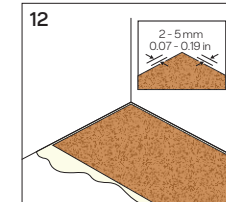
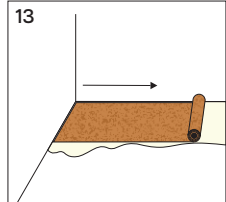
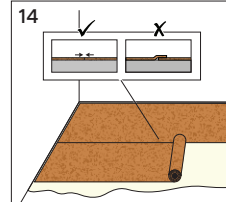
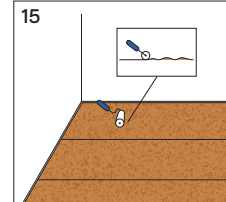
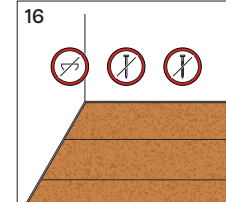
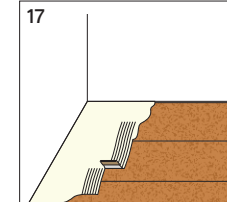
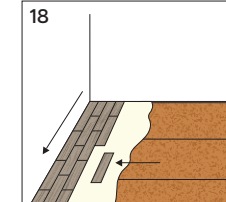
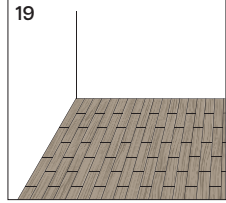
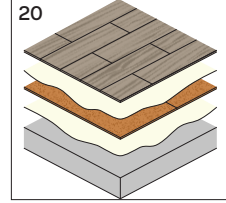
Recommended Adhesives

Ceramic: Flexible Cement Glue.

Important Notes

Never mechanically fasten the underlayment to the flooring floor as this will severely diminish its acoustical value. For more detailed installation instructions, please contact us.

Application process

					
<p>These are all the materials needed to install the underlayment.</p>		<p>For the installation process, open the packaging 48 hours in advance and leave for acclimatization</p>		<p>Subfloor preparation: Make sure that the subfloor is leveled, dry, clean and in good structural conditions.</p>	
					
<p>New concrete slabs must be left to cure for 120 days before installation.</p>	<p>The humidity content of the substrate is critical: it must not exceed 2.5% (MC).</p>	<p>Air temperature should be above 10°C and air humidity below 75%.</p>	<p>Optional step: apply the glue using a trowel. The installation of a moisture barrier is not necessary.</p>	<p>Optional step: we recommend the use of an adequate glue for the flooring to be installed.</p>	<p>Install the underlayment directly on the adhesive, leave a space between the wall and the underlayment.</p>
					
<p>The underlayment should be installed in a perpendicular direction that you plan to install the final floor.</p>	<p>The underlayment must cover the entire area without any gaps nor overlaps.</p>	<p>Use the paint roller to make sure the underlayment doesn't have any waves.</p>	<p>Never mechanically secure the underlayment with screws, nails or staples, since this may undermine its effectiveness.</p>	<p>Apply the same glue on the underlayment.</p>	<p>Install the flooring in a perpendicular direction to the underlayment, and let the whole floor dry completely before you start to use it.</p>
					
<p>Always follow the flooring manufacturer's recommended installation instructions.</p>	<p>Total System.</p>				

General installation instructions

Non glued floor

The following installation instructions are recommended by Amorim Cork Composites, but are not intended as a definitive project specification. They are presented in an attempt to be used with recommended installation procedures of the flooring installer.

Final Flooring

Always follow manufacturers recommended installation instructions, particularly when adhesives are recommended.

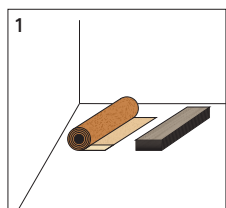
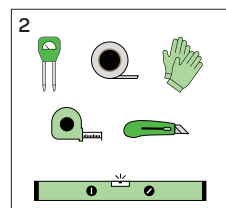
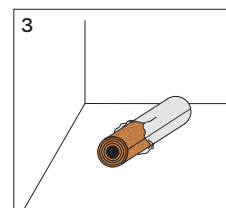
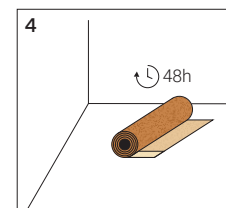
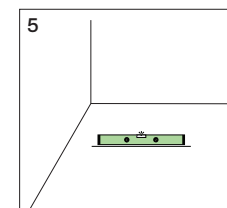
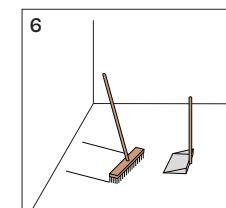
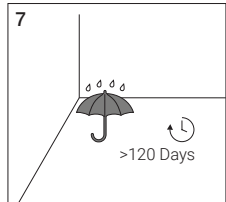
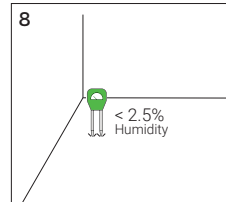
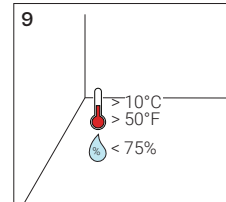
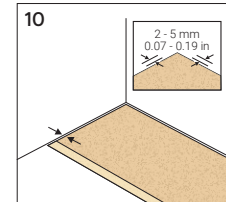
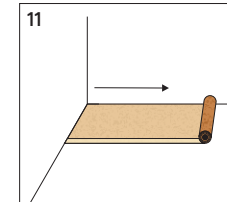
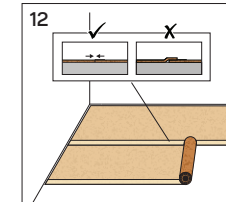
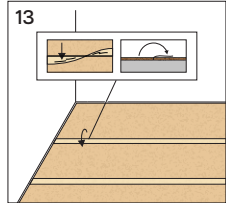
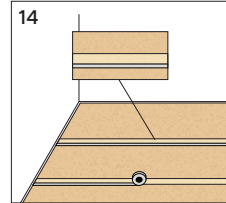
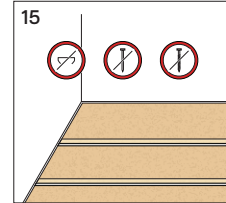
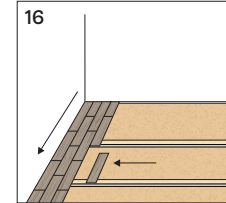
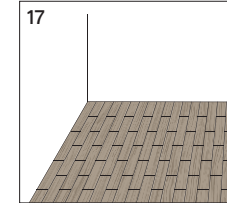
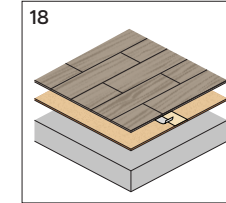
Recommended Adhesives

Wood-based: Water-Based Emulsion/Polyurethane Glue;

Important Notes

Never mechanically fasten the underlayment to the flooring floor as this will severely diminish its acoustical value. For more detailed installation instructions, please contact us. Never install a wood or laminate floor without vapor barrier (integrated or applied before the underlayment).

Application process

					
<p>These are all the materials needed to install the underlayment.</p>		<p>For the installation process, open the packaging 48 hours in advance and leave for acclimatization.</p>		<p>Subfloor preparation: Make sure that the subfloor is leveled, dry, clean and in good structural conditions.</p>	
					
<p>New concrete slabs must be left to cure for 120 days before installation.</p>	<p>The humidity content of the substrate is critical: it must not exceed 2.5% (MC).</p>	<p>Air temperature should be above 10°C and air humidity below 75%.</p>	<p>The underlayment should be installed in a perpendicular direction to the final floor. Leave a little space between the wall and the underlayment.</p>	<p>Place one roll parallel to the wall with the vapor barrier face up on the subfloor. The foil overlap should be on the opposite side of the wall.</p>	<p>Install the new row immediately next to the previous one, covering the foil overlap. Be sure not to overlap the underlayment edges nor leave any gaps.</p>
					
<p>Make sure the foil overlap the row parallel.</p>	<p>Use a sealing tape to seal the rows securely together.</p>	<p>Never mechanically secure the underlayment with screws, nails or staples, since this may undermine its effectiveness.</p>	<p>Install the flooring in a perpendicular direction to the underlayment.</p>	<p>Always follow the flooring manufacturer's recommended installation instructions.</p>	<p>Total System.</p>

General installation instructions

Floating floor · non-vapor barrier underlayment

The following installation instructions are recommended by Amorim Cork Composites, but are not intended as a definitive project specification. They are presented in an attempt to be used with recommended installation procedures of the flooring installer.

Final Flooring

Always follow manufacturers recommended installation instructions, particularly when adhesives are recommended.

Recommended Adhesives

LVT: Water-Based Emulsion/Polyurethane Glue;

Important Notes

Never mechanically fasten the underlayment to the flooring floor as this will severely diminish its acoustical value. For more detailed installation instructions, please contact us. Never install a wood or laminate floor without vapor barrier (integrated or applied before the underlayment).

Application process

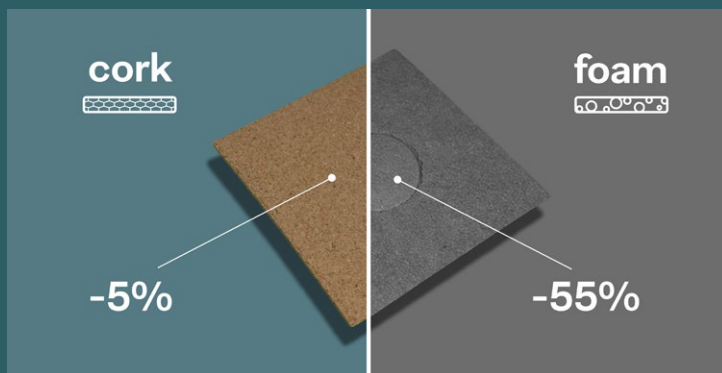
<p>These are all the materials needed to install the underlayment.</p>		<p>For the installation process, open the packaging 48 hours in advance and leave for acclimatization</p>		<p>Subfloor preparation: Make sure that the subfloor is leveled, dry, clean and in good structural conditions.</p>	
<p>New concrete slabs must be left to cure for 120 days before installation.</p>	<p>The humidity content of the substrate is critical: it must not exceed 2.5% (MC).</p>	<p>Air temperature should be above 10°C and air humidity below 75%.</p>	<p>You must first install a moisture barrier across the entire area of the room. It should be installed following the outline of the enclosing wall.</p>	<p>Use a height of at least 30 mm and with a minimum overlap of 100mm using a sealing tape to seal the seams.</p>	<p>The barrier must be installed directly onto the surface of the subfloor. Use a sealing tape to seal the rows securely together.</p>
<p>The installation should be in the opposite direction you plan to install the underlayment to reduce seams, in the same direction of the final floor.</p>	<p>Never mechanically secure the barrier with screws, nails or staples, since this may undermine its effectiveness.</p>	<p>Leave a little space between the wall and the underlayment.</p>	<p>The underlayment should be installed in a perpendicular direction to the final floor, which should always be installed in the direction of natural light incidence in the room.</p>	<p>The underlayment must cover the entire area without any gaps nor overlaps.</p>	<p>To securely joined using sealing tape.</p>
<p>Never mechanically secure the underlayment with screws, nails or staples, since this may undermine its effectiveness.</p>	<p>Install the flooring in a perpendicular direction to the underlayment.</p>	<p>Cut off excess moisture barrier.</p>	<p>Always follow the flooring manufacturer's recommended installation instructions.</p>	<p>Total System.</p>	

Why is cork the best choice?



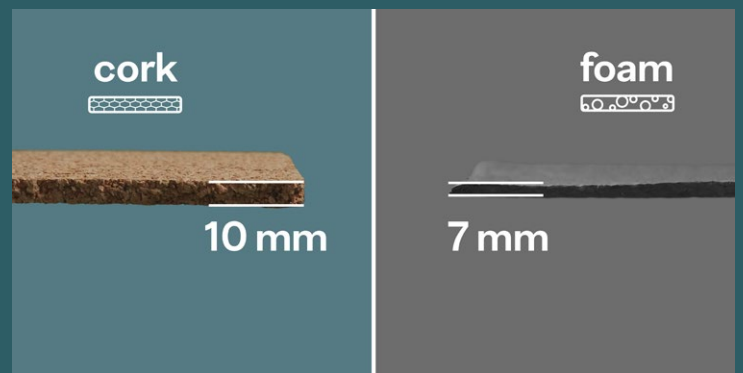
Compared to 100% foam underlayment, cork solutions are more durable, resistant, and eco-friendly. Our tests have shown that cork outperforms in durability and longevity! Check out the comparison:

Test #01 - Dynamic Load Test (DL)



A laboratory test that simulates the pressure on the flooring solution, caused by foot traffic, caster chairs and trolleys. Cork proved to be more resilient, with JUST 5% THICKNESS loss after 100,000 charge cycles.

Test #02 - Creep Test (CC)



This test evaluates which load can be placed on the flooring solution over a reference period of 10 years. Cork delivers superior performance and shows almost the SAME THICKNESS AFTER BEING COMPRESSED.

Protect the final floor with a cork-based underlayment

The secret to having a beautiful floor for much longer:

Floor with FOAM underlayment



Some foam underlayments break down their cells and a gap starts to appear between the baseboard and the final floor, and the joint clicks tend to break.

Floor with CORK underlayment



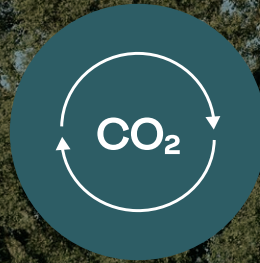
Cork-based underlayment preserves all its characteristics for a long time, protecting the final floor, especially the joints and the baseboard.

These images are merely illustrative and are only intended to represent the degradation of the final floor after the tests have been carried out.



AMORIM CORK COMPOSITES

**1 ton of cork
produced**



**Up to
-73 tons of CO₂**

Cork, a natural CO₂ retainer

Cork oak forests are important natural CO₂ sinks. They make a key contribution to the air we breathe because they capture CO₂ which would otherwise be released into the atmosphere. It is estimated that for every ton of cork produced, cork oak forests can sequester up to 73 tons of CO₂.

Based in our driving motto "Nothing is wasted, everything is transformed", we value 100% of cork.



>800

tons of recycled cork



>90%

non cork waste
recovery rate



>80%

consumed materials
from renewable
sources



>85%

sustainable materials
consumed

Source: https://www.apcor.pt/wp-content/uploads/2015/10/Brochura_Ambiente__EN.pdf

AMORIM CORK COMPOSITES

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