Engineered floors in Junckers quality

Oak Sonate Plank

JUNCKERS
A wooden floor – the first furniture in the room!

Interior design is easy with the right products. Hardwood floors are the first furniture in the room and provide a classic backdrop for the rest of the design. A hardwood floor is beautiful and alive and adds warmth to the room. Junckers’ are well known for the many choices of solid hardwood floors and now offer engineered flooring in premium quality.

The many varieties of choice of wood species and colour variation make the room and the interior design personal. Wide board or 2 strip board. Junckers solid wooden floors have long been available both as wide board and strip board flooring. This now applies to the engineered floors as well.

Wide board engineered floors have a more subtle appearance and are at their best in large rooms. The smaller staves in the 3 strip engineered board floors give more life and colour to the room and add lightness particularly in small rooms.

With Junckers engineered floors you can find the best wood species to underline the function and personality of your room. Choose from a range including Walnut, Oak and Ash.

Hardwood floors enhance the expression in the room – without dominating. The floor carries the interior design. And here the surface plays an important part.
The harmony of the rooms starts with the floor
The floor is the basic element in the room. It decides how you experience the room, how the light is reflected, how the interior design and the furniture harmonize. The identity of the room is based on the floor.

Junckers engineered hardwood floors are available the way nature intended – with the original natural colour and grain. Or as with our Ash flooring the surface can be available in “Whitesand” – which has a white pigment over the surface giving the wood a lighter, fresher look whilst highlighting its structure.

Natural or white

Hard-wearing ultra matt, natural lacquered surface

Whether the floor is Natural or Whitesand, the surface is protected from daily wear and tear by a 100% pure polyurethane natural ultra matt lacquer, which combines lacquer’s strength with oil’s natural look. This means the floor is both strong and easy to maintain – natural and clean.
It’s not just light that enlivens a room
Quality whether you choose solid or engineered – as long as you choose Junckers

Junckers is known for unsurpassed quality in solid wood floors. This experience is the basis for the new engineered floors. Durable products, uniformly high quality and strong surfaces.

**A solid floor**
has the same wood throughout the entire thickness. It is virtually indestructable. It is a floor one chooses for a lifetime!

**Solid:**
- Laid floating with the well established clip system over a resilient underlay
- Can be sanded 5–10 times, depending on the thickness -14mm, 22mm and 20.5mm thick
- 4 surfaces
  - Lacquer
  - Oil
  - Ultra Matt
  - Untreated
- 11 wood species in three grades
- 400 product combinations
- British Allergy Foundation – Allergy UK Seal of Approval
- Available in Ship’s decking appearance
- Juncker's produced maintenance products
- Suitable over under floor heating
- Uncompromising quality and long life

**An engineered floor**
Looks like a solid floor on the surface but costs less. Engineered floors typically have a surface layer of 3-4mm.

**Engineered:**
- LayLock® laying system – easy to install as a floating floor
- Can be sanded once or twice – 14mm thick
- One surface – Ultra Matt
- Oak, Walnut and Ash Whitesand
  - 1 and 3 strip boards
- Also available 22mm thick
  - Gluing T&G joint laying system
- Juncker's produced maintenance products
- British Allergy Foundation – Allergy UK Seal of Approval.
- Suitable over under floor heating (except Beech)

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### Board thickness

<table>
<thead>
<tr>
<th></th>
<th>14 mm</th>
<th>22 mm</th>
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</thead>
<tbody>
<tr>
<td>Top layer</td>
<td>3.6 mm</td>
<td>3.6 mm</td>
</tr>
<tr>
<td>Cross layer</td>
<td>8.4 mm</td>
<td>15.4 mm</td>
</tr>
<tr>
<td>Bottom layer</td>
<td>2 mm</td>
<td>3 mm</td>
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### Type

<table>
<thead>
<tr>
<th></th>
<th>1-strip</th>
<th>3-strip</th>
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<tbody>
<tr>
<td>Width</td>
<td>136 mm or 185 mm (Oak only)</td>
<td>195 mm</td>
</tr>
<tr>
<td>Length</td>
<td>1820 or 2130 mm</td>
<td>2200 mm</td>
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</tbody>
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Here's how an engineered board is built up

Engineered floors are composed of three layers: a visible surface layer of hardwood, a cross layer that prevents movement in the floor, and a veneer layer for stability.

The different types of hardwood in the top layer – walnut, ash and oak,– all come from sustainable forestry. The middle layer is from re cycled plantation trees, rubber trees that are no longer used for rubber production. The bottom layer is either PEFC-certified Finnish fir or FSC-certified Australian eucalyptus.

**Surface of ultra matt lacquer**

**Hardwood top layer**

**Rubber wood cross layer**

**Veneer bottom layer**
When the love affair is over, you start thinking practically
The ingenious LayLock system makes it easy to lay the floor yourself

All Junckers 14mm thick engineered floors are produced with the ingenious “LayLock” click system, which makes the floor easy to lay for the professional as well as the do-it-yourselfer. Other popular laying methods can also be used, as shown in the table:

<table>
<thead>
<tr>
<th></th>
<th>14 mm</th>
<th>22 mm</th>
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</thead>
<tbody>
<tr>
<td>LayLock®</td>
<td>•</td>
<td></td>
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<tr>
<td>Fully glued to the bottom layer</td>
<td>•</td>
<td>•</td>
</tr>
<tr>
<td>Nailing to joists</td>
<td>•</td>
<td>•</td>
</tr>
<tr>
<td>Tongue and groove gluing</td>
<td>•</td>
<td>•</td>
</tr>
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</table>

Junckers own floor care products

All of Junckers’ engineered floors are treated with a hard-wearing surface lacquer that makes them ready-to-use once they are laid. Daily wear can nonetheless make aftercare necessary at some point. For that, Junckers has developed its own quick drying High Performance ultra matt lacquer for care and maintenance of all surface types.

For normal care and cleaning, we recommend Junckers Cleaner. It is especially formulated to remove dirt and grime while protecting the surface.

A beautiful finish with Junckers’ selection of accessories

Skirting boards, thresholds, ramps and pipe covers of the same wood add a smart finish to the floor. But you can also use Junckers’ accessories to make striking contrasts.
The perfect indoor climate

Oak Sonate 1 strip
Junckers engineered floors in walnut, ash and oak are well suited for under floor heating

Floor heating is not just an agreeable luxury on cold winter mornings in the bathroom. It has become increasingly common in renovation and new construction projects. Houses have become better insulated, and that means that warm-up temperatures do not need to be so high as they once did. Whereas a radiator’s heat circulation results in warm ceilings and cold feet, under floor heating provides a comfortable temperature at both foot and head level – without wasted heat at the ceiling.

Engineered hardwood flooring is in itself a warm insulating material that feels good and comfortable even without under floor heating. A wood floor is the obvious choice for use with a low-temperature unit. Junckers’ engineered floors can tolerate large temperature fluctuations and are thus well suited for under floor heating.

Water or electricity?

The water-based approach is used in both new construction and renovation, while the electric solution is mainly used in smaller renovations. Junckers has produced a floor heating brochure in cooperation with the two leading floor heating producers Uponor Wirsbo A/S (water-based systems) and Devi A/S (electric systems). It is available at www.junckers.com.

Water based system with heating pipes encased in concrete.

Water based system with heating pipes and heat distribution plates within flooring grade polystyrene.

Water based solution with heating pipes on batten construction.

Wood floor with electric heating cables encased in concrete.

Wood floor with electric heating on existing concrete floor.

Don’t forget the three hot tips from Junckers:

- The temperature on the top side of the boards must not exceed 27°C.
- Use a double moisture barrier in connection with concrete or screed floor heating.
- The floor heating system must have an even distribution of temperature.

All Junckers floors are allergy friendly

A Junckers wooden floor contributes to a good indoor climate. It is allergy friendly and does not give off any unhealthy substances from glue or lacquer. Junckers floors are unique in being the only hardwood flooring in the world to be approved, accredited and have the seal of approval from the British Allergy Foundation – Allergy UK.
Being a leading producer and supplier of wood floors has its obligations

Junckers has over 75 years experience in providing quality hardwood flooring in the world market. A large R&D department keeps up with trends in construction, interior design and new tastes in flooring.

A large service organisations sees that both professionals and homeowners get help before, during and after the floor laying. So if you need help, you are most welcome to write to us, either by letter to the address at the foot of the page, by e mail to tech@junckers.co.uk or telephone us on 01376 534700 or by fax on 01376 514401