

Engineered Hardwood Parquet



*Pavimento Dal Natura*

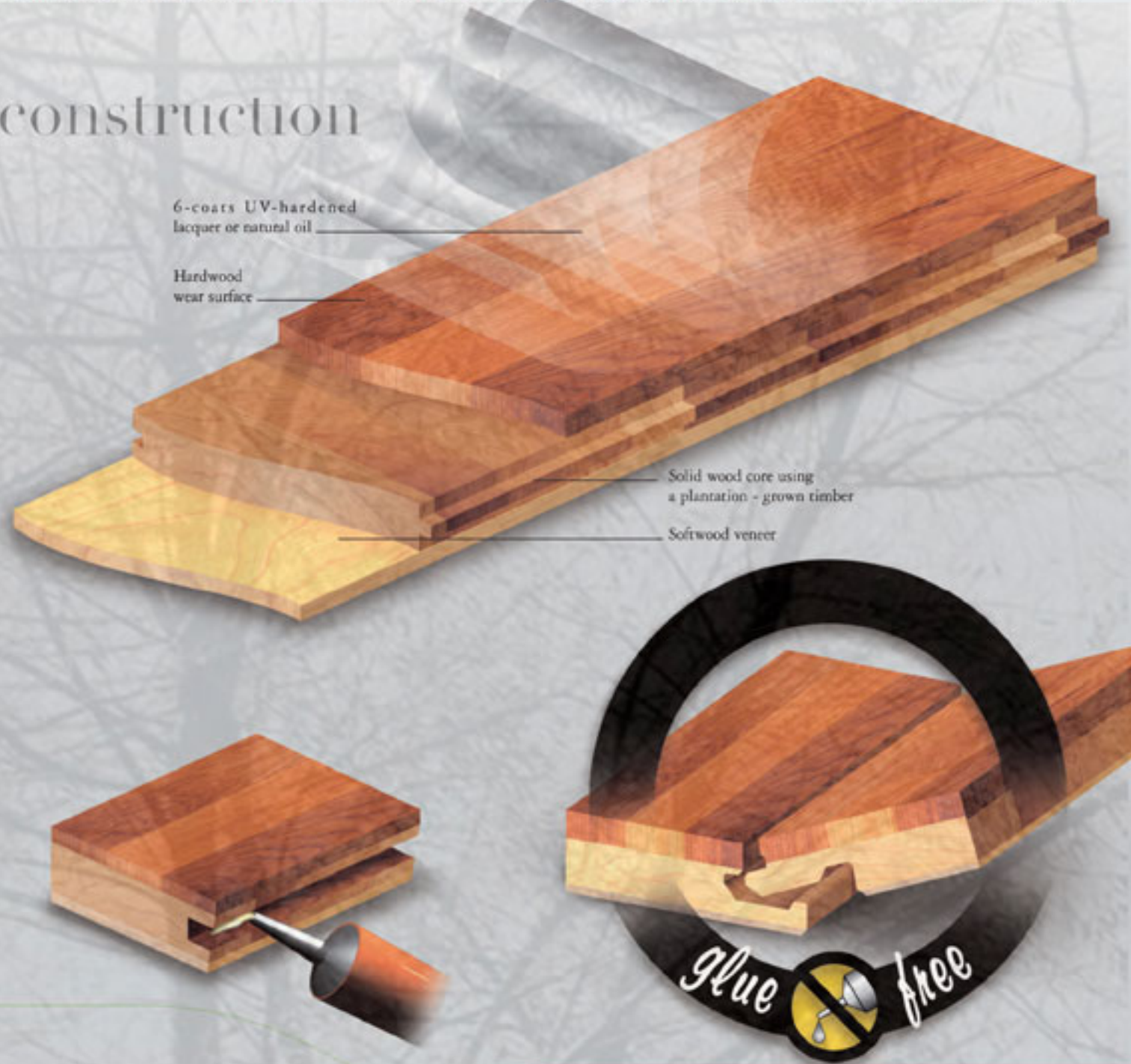


*la naturale bellezza dei pavimenti di legno duro*  
*The natural beauty of wood floorings*

Carino Hardwood floors is a unique, living and hard wearing material. Whether you choose full planks, strips or herringbone pattern, they all have their own luxurious personality .

Natural materials stimulate the sense and enable concentration. Carino Hardwood floors naturally add calmness and balance to the interior design, giving contrast to the entirety. Thanks to the exceptional quality flooring, it is always possible to achieve fascinating results. wether the dwelling is large or small, new or old, timeless or trend setting.

construction



Patterns and dimensions\*

\* Multi-Layer Engineered

One Plank



Two Planks



3 - Strips



Herringbone



• 3-Layer Engineered

Thickness: 12 to 22 mm  
 Width: 90 to 190 mm

Options:  
 Aluminium oxide or antiscratch.  
 Gloss level 8%, 25% or 50%.  
 Micro bevelled (Royal, Imperial and Noble)  
 Relative Humidity: +/- 8 %

\*Custom sizes available upon request.

Grading

Original

Characterized by fine graining and even-coloured tones, ORIGINAL woods project a sleek, stylish and modern appeal for stunning visual effect. The clean lines of these woods are perfect in lending a contemporary finish to any decor.

Classic

CLASSIC woods are elegant and timeless, possessing a rich beauty that endures for the ages. These versatile woods can be used for both traditional and modern settings. They are exemplified by minimal colour variation and few knots.

Villa

VILLA woods convey an aura of warmth with subtle hues and vividly intricate grain patterns highlighting the knotty characteristics of the wood.

Country

COUNTRY woods create an effect reminiscent of cosy cottages and hunting lodges, roaring fireplaces an all-round comfort. The wonderfully rustic charm is enhanced by broad variations in grain, colour and distinctive knots.



*Life - enhancing beauty ...*



*Carino*  
Pavimenti di legno

# European

Floors from nature



*White Oak Original*



*White Oak Classic*



*White Oak Villa*



*White Oak Country*



*Beech Classic*



*Beech Country*



*Steamed Beech Classic*



*Steamed Beech Villa*



From the subtle tones of nature to brilliant explosions of color, Carino's European selection provides an aura of natural charm and elegance that will turn any ordinary room into something well beyond.



Specialty Designs



**Carino**  
Pavimenti di legno

## American

*Carino mette a disposizione una gamma di decorativi in grado di soddisfare ogni soluzione d'ambiente.*

*Carino makes available to you a range of decorations that can satisfy any space solution.*



Maple Classic



Maple Country



Red Oak Classic



Red Oak Country



Cherry Classic



Cherry Country



Walnut Classic



Walnut Country



Carino wood floors is dedicated for experts and connoisseurs to meet the highest expectations.

Wood is a unique, living and hard wearing material. whether you choose Strips, planks or herringbone design, they all have their own personality and will show unique decorative values.



The Experience of True Elegance.

*Carino*  
Pavimenti di legno

# Exotic

Inspiration From Around  
The World....



*Merbau Classic*



*Simpob Classic*



*Kempas Classic*



*Hevea Classic*



*Wenge Classic*



*Jarrab Classic*



*Australian Cypress Classic*



*Victorian Walnut Classic*



Carino Exotic collection offer unique species distinguished by their origin, color and sophisticated grain. In addition to their striking elegance, these premium hardwoods possess superb hardness and inherent durability, adding to the quality and value of your interior design.



Brazilian Cherry Natural C5048JLG



Cumaru Natural C5851CLG



Brazilian Cherry Natural C5048JLG



Teak Natural 3A422NA

**Carino**  
Pavimenti di legno

**Vintage Collection**

*Beauty and Aesthetics*



Smoked Oak



Oak Vintage Latin



Oak Vintage Artic



**Carino**  
Pavimenti di legno

**Fineline Collection**



Cherry Fineline



Hevea Fineline



Walnut Fineline



Beech Fineline



Oak Fineline



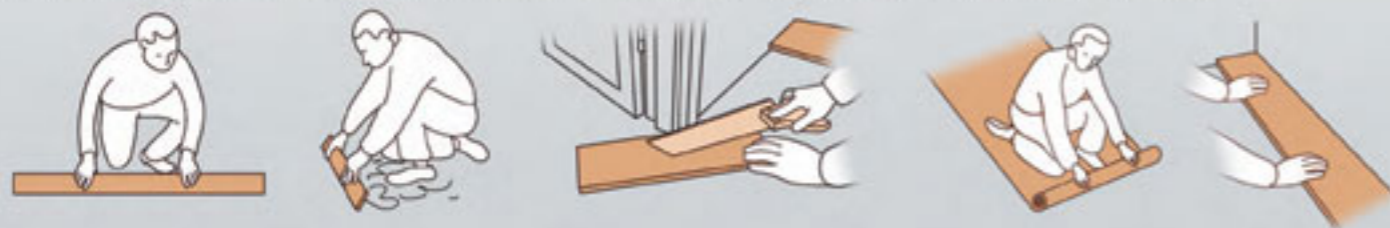
Merbau Fineline

# Installation

## General installation instructions for 3-layer engineered wooden flooring

**Before you start:** the parquet can be laid free floating or glued on the subfloor. It should be laid on a clean, dry, level and firm surface. Concrete flooring, chipboard, old floorboards, plastic flooring and felt type wall to wall carpets are suitable surfaces. However the parquet should not be used as a self-supporting floor covering laid on joists. Before laying, ensure that the surface is dry. The parquet can be laid without damp proofing if the MC level of the concrete is under 3%. If the MC level of the concrete is higher than 3% and always in the case of any new building damp proofing has to be provided. Need to ensure that RH's between 40 and 60 %. Lightweight concrete flooring in rooms without basements and warm or damp rooms should be covered with damp proofing material consisting of 0.2mm plastic sheeting before the parquet is laid.

Check the surface of the sub-floor for unevenness using a rule or a piece of the parquet. The maximum tolerance for the unevenness of the surface should be 2mm over 700mm or 4mm over 2000mm. Concrete flooring should be levelled down with suitable fillers and sub-floors made of particleboard or wood should also be sanded down. Before sanding check the fastening of the old wooden flooring and nail down if necessary. A damp proofing material consisting of 0.2mm thick plastic sheeting is always recommended for concrete sub-floors. The film is laid with the edges overlapping by about 20cm and the seams sealed with adhesive tape. Place a 2mm underlay made of cork, corrugated cardboard or similar material between the sub-floor and the parquet to cover any unevenness and to absorb the noise. Remember to adjust the clearance between the door frame and the floor by about 14mm so that the parquet can be laid underneath.



## Tongue and groove



An expansion gap of at least 10mm must be provided between the edges of the parquet boards and the wall or other fixed structures, such as heating pipes or door frames. In very large rooms this gap is not sufficient and in such cases the necessary gap width is calculated by multiplying the maximum room width (in metres) by 1.5mm. Use wooden wedges for maintaining the expansion gaps during installation.

We recommend that the parquet boards are laid parallel to the direction of the main light source. If the parquet is to be laid on top of old wooden flooring, the boards should be laid perpendicular to the direction of the old flooring. We recommend that the first board be laid against the wall with the grooved edge facing the wall.

If the wall you start laying against is not straight, you will need to fit the boards to the shape of the wall by laying the first row against a string. Begin each new row with an offset left over from the previous row. The distance between the end-joints of adjoining boards must be at least 50cm.



Tap the individual boards into the groove using a protective wood block of 30 - 40 cm in length between the hammer and the tongue edge.

For pipe lead-throughs, drill holes with a diameter about 20 mm larger than of the pipe. Saw out a piece as shown in the diagram. Insert the sawn out piece after the parquet floor has been laid.

Saw the last row of parquet into its correct width taking into account the expansion gap required. Use a specialized tool-knock in for the last board.

After the installation, cover the expansion gap with skirting and fasten by nailing or with dowels. The skirting should not rest too tightly on the parquet otherwise it will prevent free movement of the flooring. Cover pipe lead-throughs with fittings. Cover the joints between the parquet and other floor materials, eg in adjoining rooms with thresholds and trims. Remember to leave an expansion gap under the trims.



## Loc system



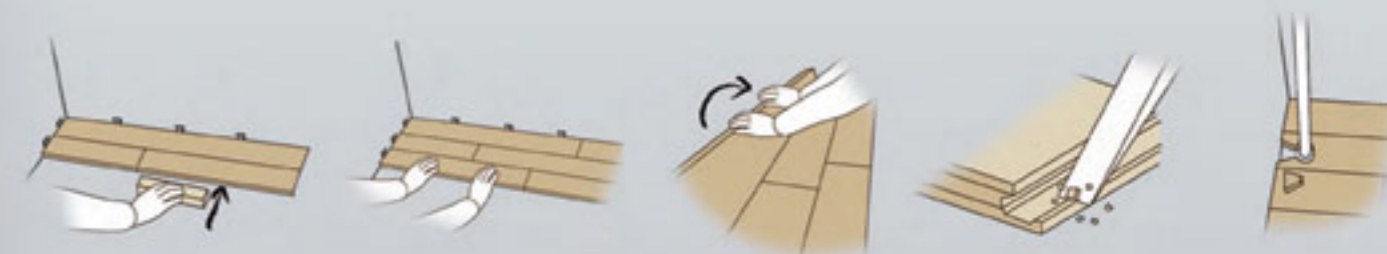
Install next board as shown in the picture.

Cut the last board of the row to size and install it in place. Use the cut piece of the previous row to start the next row, min. length 30 cm.

Press the first board of the next row at an angle against the board in the previous row and lay it flat. Check, that the groove of the board of the previous row is free from and grit and dirt. In case a gap remains between the boards, tap with your hand on the board joint.

Place an installation wedge underneath the end of the installed board.

Install first at an angle the short end of the board into place and after that the long edge of the board.



Remove the wedge and tap with the side of the wedge the board in its place.

After three rows have been installed, the distance between the wood-flooring and the walls (min. 10 mm) can be adjusted by using wedges.

In case the wall is not straight, the shape of the wall can be drawn on the boards of the first row. Lift the boards of the first row up and cut them to match the wall. Reinstall the boards from left to right.

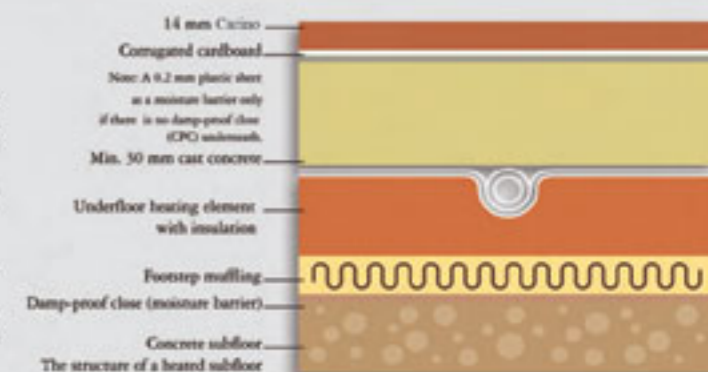
In case the last row of boards is to be installed underneath a door frame, cut away the locking edge, apply glue on the groove and install the board.

Drill a hole into the flooring for the pipe and saw out the piece. When the board is in position, glue the sawn out section back into place and cover with pipe ferrules. Remove the wedges and fasten the skirting boards, without pushing them too tightly against the floor.

## Underfloor heating

**Two** weeks before installing Carino flooring, the underfloor should be heated to half the capacity of the heating system. At the same time, the rooms should be properly aired and ventilated. The heat is then increased gradually for about one week. Seven days before installation the underfloor heating should be gradually reduced and completely shut down 1 - 2 days prior to the installation. The underfloor heating should be turned off during installation. After installation the underfloor heating can be turned on again. The heat should be gradually increased by 5-8°C per day over a period of 3 - 4 days. The surface temperature of a hardwood strip floor must not exceed 28°C. A moisture barrier must always be used with the underfloor heating. Cork-grained felt is not recommended for a heated subfloor as a footstep muffler.

\*Carino does not recommend the following wood species for underfloor heating: Wenge, Jatoba, Kempas, Maple, Birch.



# Maintenance

## About oiled floors...

We congratulate you on your choice of an oiled wood floor. With oil treatment technique, direct contact with the wood surface can be retained. The wood surface is not sealed with any lacquer or plastic coating. The oil treatment of the floor is made in such a way that the wood is impregnated with the oil and the combination of the particular oil and the wood itself gives the floor its surface strength. Apart from a hard wearing surface, the oil treatment gives you other advantages which are: Pleasant living environment, maximum regulation of the natural humidity through the open structure of the wood, a long lasting beautiful floor where scratches and marks are easily repaired with organic cleaning products for the maintenance. In order to ensure the long lasting beauty of your floor, maintenance guidelines in the enclosed pamphlet should be observed.

## Maintenance oil

Some floors are pre-oiled from the factory which means that they have been treated with a certain quantity of oil for protection of the floor. After installation of such a floor we recommend as follows: In areas with heavy use, it is advisable to treat the floor with Maintenance Oil natural or white. In private homes with lesser traffic, the floor should be cleaned with Soap natural or white.



## Warranties

Limited warranties for Carino Engineered Hardwood Floors. The warranties listed below apply to Engineered Hardwood Floors and are effective for purchases made after January 1, 2008.

All warranties are only for the benefit of the original purchaser and installation site and shall further only be applicable to products used in dry residential areas.

A) Structural Integrity Warranty (25 years Warranty)

Carino Products warrants that its products are free from manufacturing defects. Manufacturing defects shall be defined as delamination, milling and assembly.

B) Finish and Wear Warranty Carino Products warrants that its surface wear layer will not peel off or wear through during the period of time indicated below from date of purchase. Gloss reduction is not considered wear-through. Therefore, it is not covered under this warranty.

1) Acrylic UV Hardened Finish 10 years  
2) Aluminium Oxide Finish 20 years

Important Note:  
The above warranties are subject to terms and conditions ascertained by the manufacturer. Please obtain a full set of warranties from your respective dealer/distributor.

## About lacquered floors...

Natural hardwood floors bring nature into the heart of your home. Every piece of wood has been lovingly crafted by Mother Nature over scores of generations. And as with all Mother Nature's creations, each one is delightfully unique.

The selection of the type of woods is an individual expression of creativity and style. Carino helps the creative process by offering an extensive range of natural hardwoods to suit every taste and lifestyle. Discerning customers are sure to find a flooring option that will complement any decor.

Our wide-ranging product line has been simplified to reflect the three major styles of contemporary decor namely Original, Classic, Villa and Country. Each product line features an exciting variety of species to cater for every style and budget. Natural beauty combines with excellent durability to ensure aesthetically pleasing and lasting effect.

## Installation

Is fast and simple. Glue is applied to the grooves before the boards are fitted together. For Carino Loc, glue need not be applied otherwise the product is like the conventional system where the floor can be laid floating, glued or nailed. As the product is prefinished, the floor can be used immediately after it has been laid.

Full installation instructions are enclosed in each pack.

## Routine cleaning

Protected by 6 coats of technically advanced durable lacquer, Carino flooring is easy to clean. Normal brushing/vacuum cleaning and wiping with a damp piece of cloth from time to time will ensure that the floor retains its beauty.

## Maintenance

To avoid premature wear, use mats at entrances to ensure dirt and grit are minimized. Sections of the entire floor can be re-lacquered as required following a fine sanding if the surface has been dulled by heavy wear or many years of use.

## Applications

Carino flooring is suitable for most situations but not recommended for bathrooms, utility laundry rooms or any areas subject to regular wetting.



*Pavimento Dal Natura...  
Floors from Nature...*

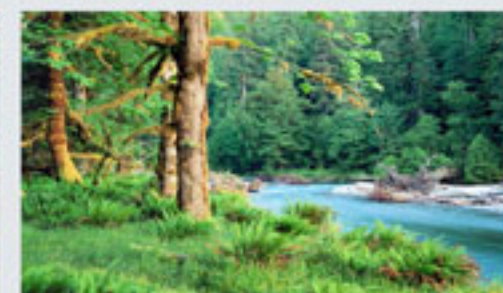
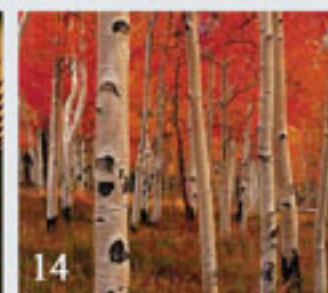
## Timber species Brinell Hardness



Timber species

Brinell Hardness

Variation of the Brinell Hardness





 **Carino**  
*Pavimenti di legno*

*Pavimento Dal Natura*

Distributed By: