

**Schotten & Hansen – Manufacturers of Wood Flooring**



## Natural materials, craftsmanship, quality, variety are our maxims

To me a wood floor should be as unique as the person who treads on it. Its beauty stems from the natural material itself. All surface treatment should bring out and accentuate the wood's own natural characteristics. Natural materials, craftsmanship, quality and variety represent the central values that form the basis of all Schotten & Hansen's work. It is the passion and knowledge that comes from more than 25 years of working with wood that makes the difference.

(Torben Hansen)



## Schotten & Hansen – Manufacturers of Wood Flooring

- > Established 1984 by Robert Schotten and Torben Hansen
- > The company, managed by owner Torben Hansen, has a staff of around 110
- > Company headquarters: Pfaffenwinkel/Peiting (centre of the Bavarian timber industry)
- > Manufactured exclusively at the company base in Bavaria which has a sawmill attached
- > Branches and showrooms in Germany, Switzerland, UK, Spain, Russia, Hongkong, the USA, Mexico and the UAE
- > Longstanding international collaboration with leading architects such as Antonio Citterio, Lord Norman Foster and Christian Liaigre

## Unique floors

The uncompromising pursuit of quality, the variety of wood, colour and structures and the meticulous treatment of the timber floorboards by hand make the unique wood floors from Schotten & Hansen the perfect way of implementing your room design.



## Unique floors: Craftsmanship, quality, innovation

- > **Three-layer solid wood floorboards:** High dimensional stability with climatic fluctuations
- > **Exceptional lengths:** Up to 5 m from a trunk
- > **Generous widths:** The whole tree trunk is used – widths of 12–35 cm and longer
- > **Character selection:** FINE (restful), MEDIUM (expressive) or COARSE (lively)
- > **Innovative special ageing:** Natural process allows the wood to age quickly and not fade
- > **Surface treatment:** Brushed, hand planed and shrunk
- > **Natural treatment:** These unique floorboards are finished and cared for only with resins, oils and waxes
- > **Colour schemes:** A broad range of colours, achieved exclusively by natural methods and pigments
- > **Wood types:** Traditional native hard and soft woods and other high-grade woods



## Unique floors: Construction of an oak board

### Floorboard construction

- Dimensionally stable three-layer solid wood boards with tongue and groove (lengthwise)
- Cover layer ca. 4.5 mm
- Middle layer of native softwoods ca. 9 mm
- Stabilising layer of native softwoods, parallel to cover layer, ca. 5.5 mm
- Can be used over underfloor heating

### Floorboard sizes

- Lengths: ca. 300 to ca. 500 cm
- Varying widths: from ca. 16 to over 35 cm
- Thickness: ca. 19 mm

### Wood drying

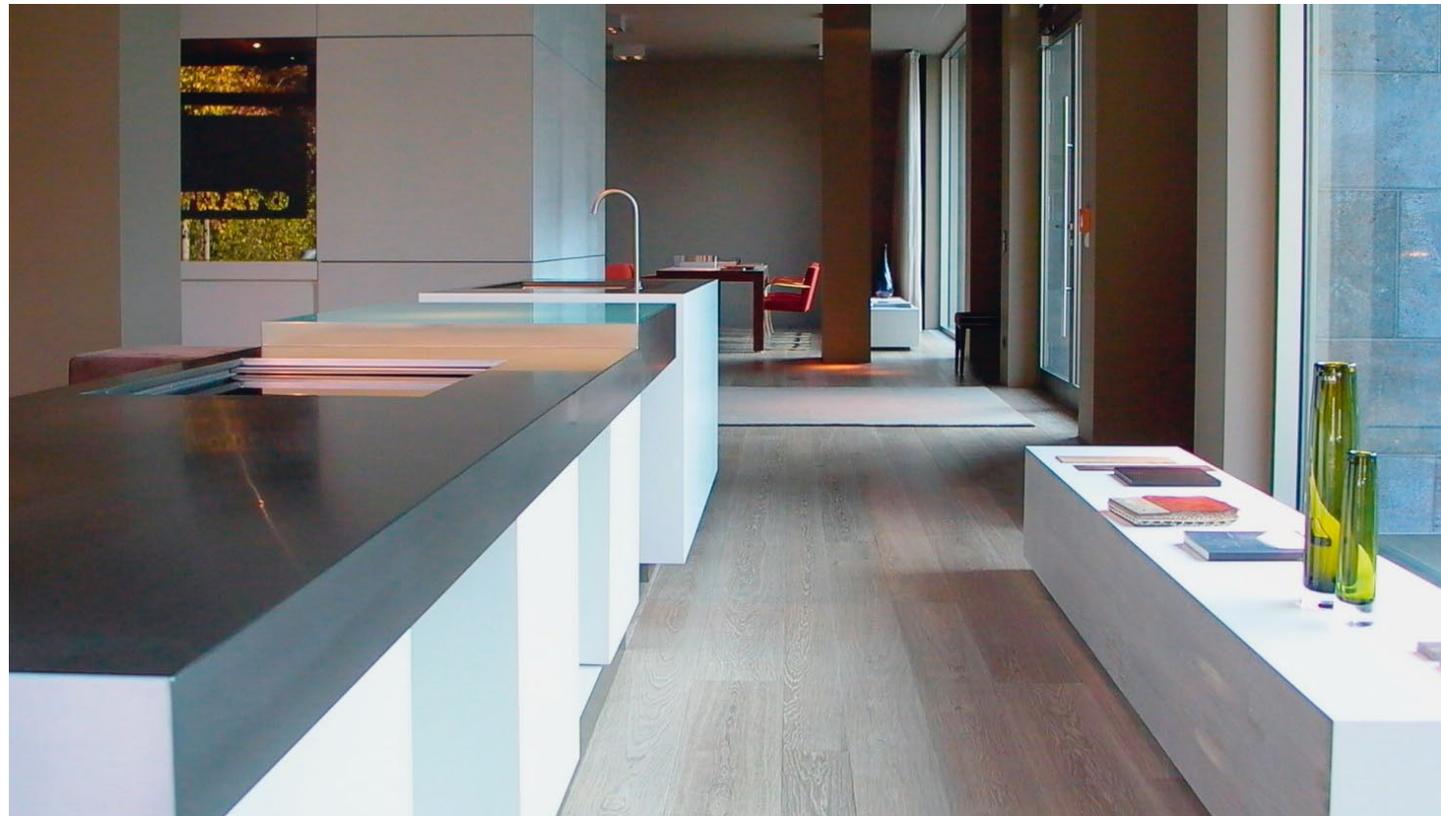
- Dried with as little moisture loss as possible
- Special drying process ensures even drying of the floor planks
- Suitable for screwing and glueing

### Laying

- Bonded surface covering with permanently elastic adhesive or screwing onto wood substructure

## From Nature to the Surface

A vast amount of knowledge and innovation goes into the processing of our wood flooring so that your ideas for a particular room design can be reproduced perfectly in the flooring. By employing different methods Schotten & Hansen offers you more scope for planning and design.



## From Nature to the Surface: Own technique

### Surface treatment exclusively with natural oils and waxes:

So that the wood's own natural characteristics are brought out and accentuated.

- > Natural play of light on every floorboard and interior
- > Vapour permeable and resilient surface
- > Silk-matt natural visual effect
- > Easily reconditioned
- > Easy care – water and dirt resistant
- > Pleasant surface warmth
- > Regulates the room temperature
- > Antistatic: Reduces dust and allergies



## From Nature to the Surface: Exceptional range

<b>Character selection</b>	<b>Fine:</b> <b>Medium:</b> <b>Coarse:</b>	smooth, restful wood structure with small knots and narrow cracks clear wood structure with knots, shrinkage and wind cracks, hand-repaired living structure with knots, distinctive shrinkage cracks, hand-repaired
<b>Treatment</b>	<b>Brushed:</b> <b>Hand planed:</b> <b>Shrunk:</b> <b>Sanded:</b>	emphasis on the grain typical to the wood type clearly visible planing pattern with interesting play of light malleable, very lively and expressive surface – patent-registered fine expression which especially highlights the most elegant style of high-grade wood
<b>Colour schemes / Finishing</b>	<b>Special ageing:</b> <b>Tones:</b> <b>Processing:</b>	typical visual effect of a wood aged naturally by a natural process After treatment processes, such as smoking, the surfaces are primed with natural pigments with oils, waxes and resins Application of an oil, wax and resinous polish that when dry hardens to a resistant surface



## From Nature to the Surface: Our character selection



Fine selection



Medium selection



Coarse selection



## From Nature to the Surface: Our treatments



Brushed surface



Hand planed surface



Shrunk surface

## From Nature to the Surface: Oak tints



01 Pearl



02 Beach Shell



03 Honey Gold



04 Cinnamon



05 Antique Ivory



06 Oyster



07 Smoke



08 Sepia



09 Corn Gold



10 Cognac



11 Havana



12 Mocha



13 Dark Clay



14 Chocolate



15 Black Olive



16 Black Cherry

## From Nature to the Surface: Other wood tints



16 Black Cherry



Maple 02/Cream



Larch 01/Onyx



Larch 02/Delta



Spruce 01/Straw



Douglas Fir 01/Dune



Douglas Fir 02/Ocean Sand



Douglas Fir 03/Tiger Eye



Ash 01/Savannah



Cherry 01/Fox



Walnut 01/Whisky



Walnut 02 Maroon



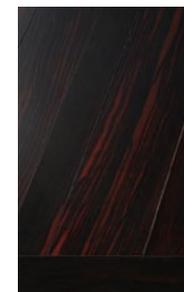
Teak 01/Stonebeige



Teak 02/Deer



Teak 03/Golden Bronze



Ebony 01/Ebony

## Project beauty

The exceptional quality and unique beauty of the surfaces are surely the reasons why leading architects such as Antonio Citterio, Lord Norman Foster and Ricardo Legorreta use wood floors from Schotten & Hansen in many of their projects. Here are some examples:



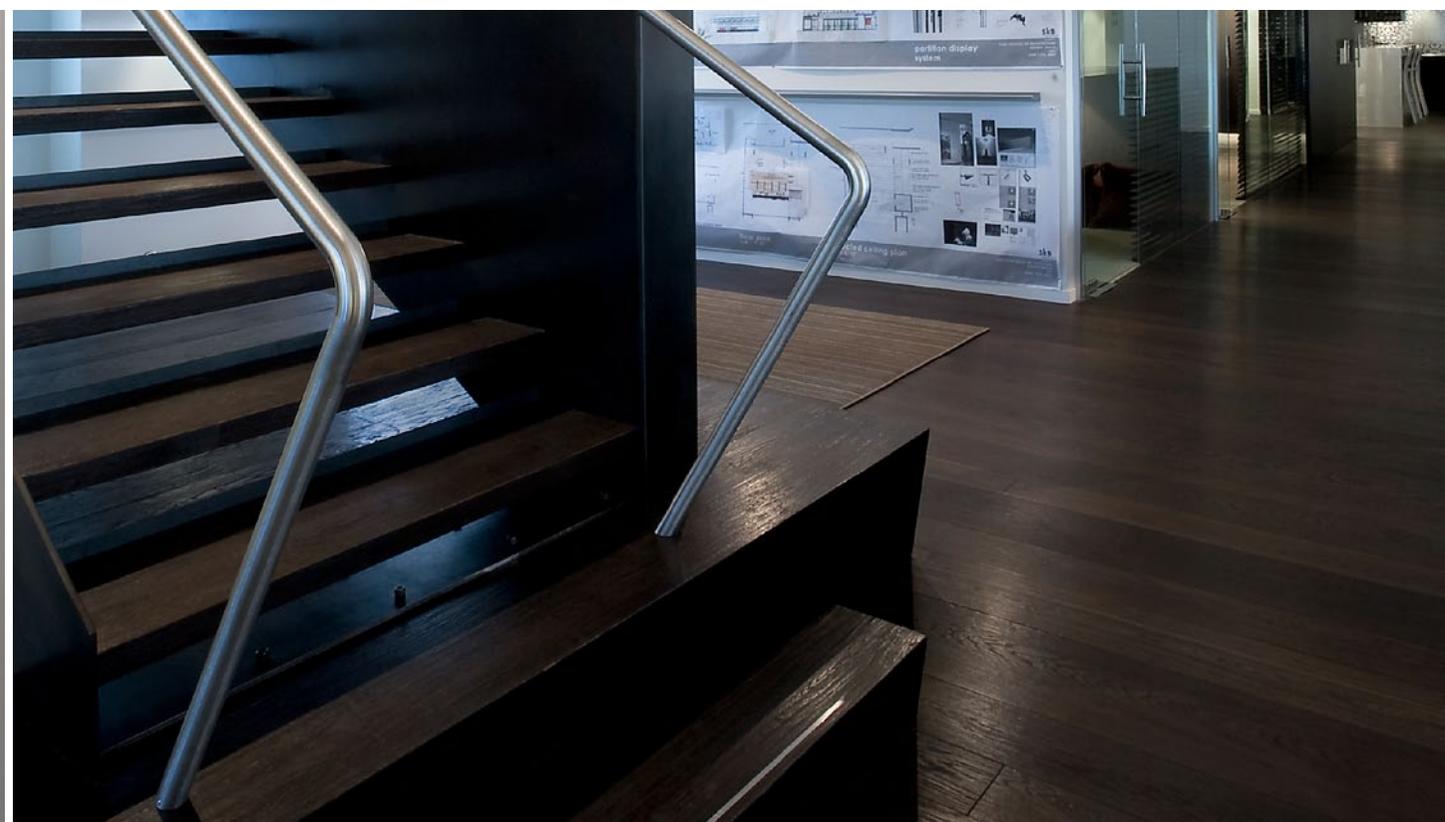
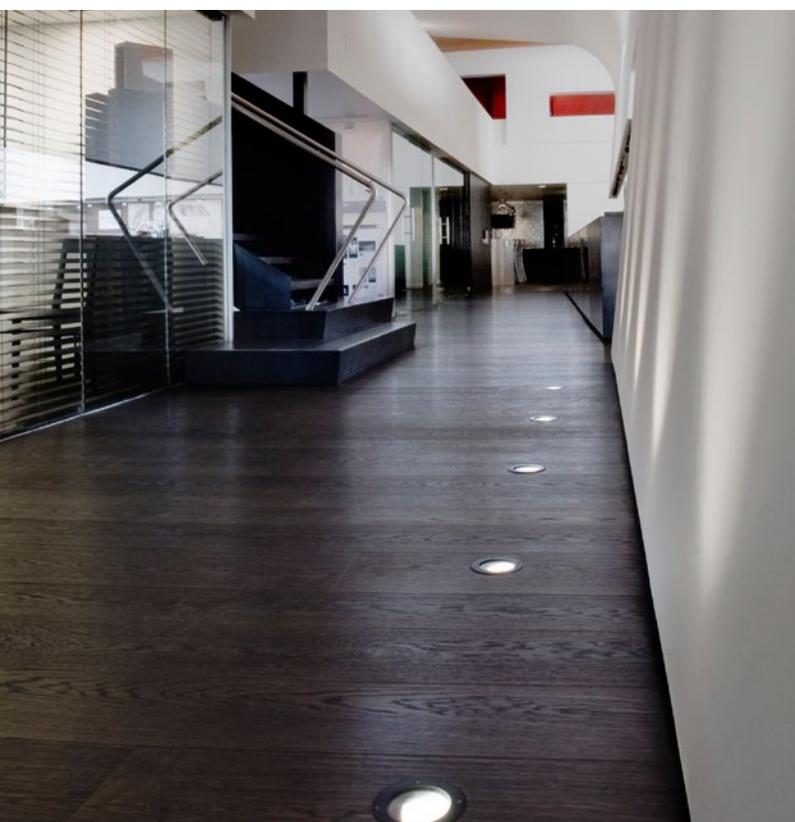
**Project: Private villa Rosedale, Toronto, Architects: Christian Liaigre, Joe Brennan**



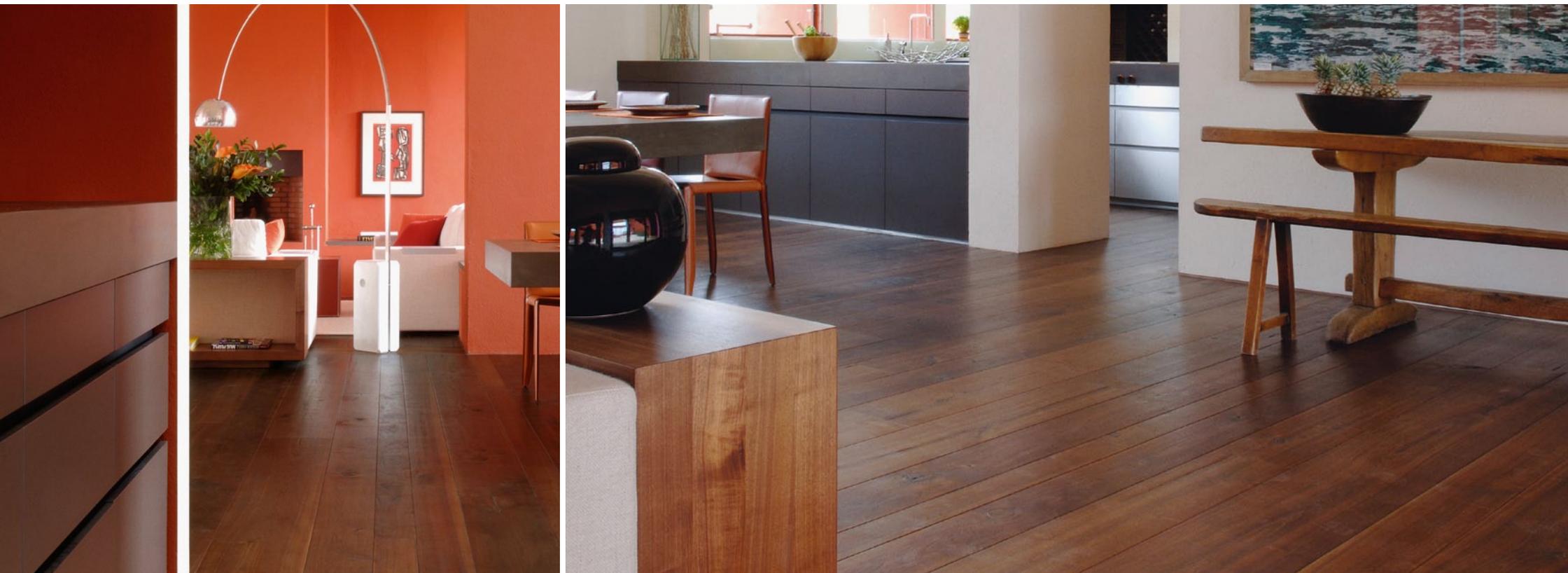
**Project: De Beers Flagship Store in London, Architect: Antonio Citterio**



**Project: Architect office in Seattle, USA, Architect: SkB architects**



**Project: Private villa in southern Spain, Architect: Legorreta + Legorreta**



**Project: Haymarket Hotel London, Architect: Kit Kemp**



**Project: Neues Museum Weimar, Architect: Architectural firm Dr. Lutz Krause**



## Beyond the floor

In order to meet all your interior design requirements, Schotten & Hansen is constantly working on innovative room elements with a character identical to that of the wood floors. We will moreover assist you in your project development and reduce your coordination costs.



## **Beyond the floor: Products and Services**

### **Integrated design by Schotten & Hansen**

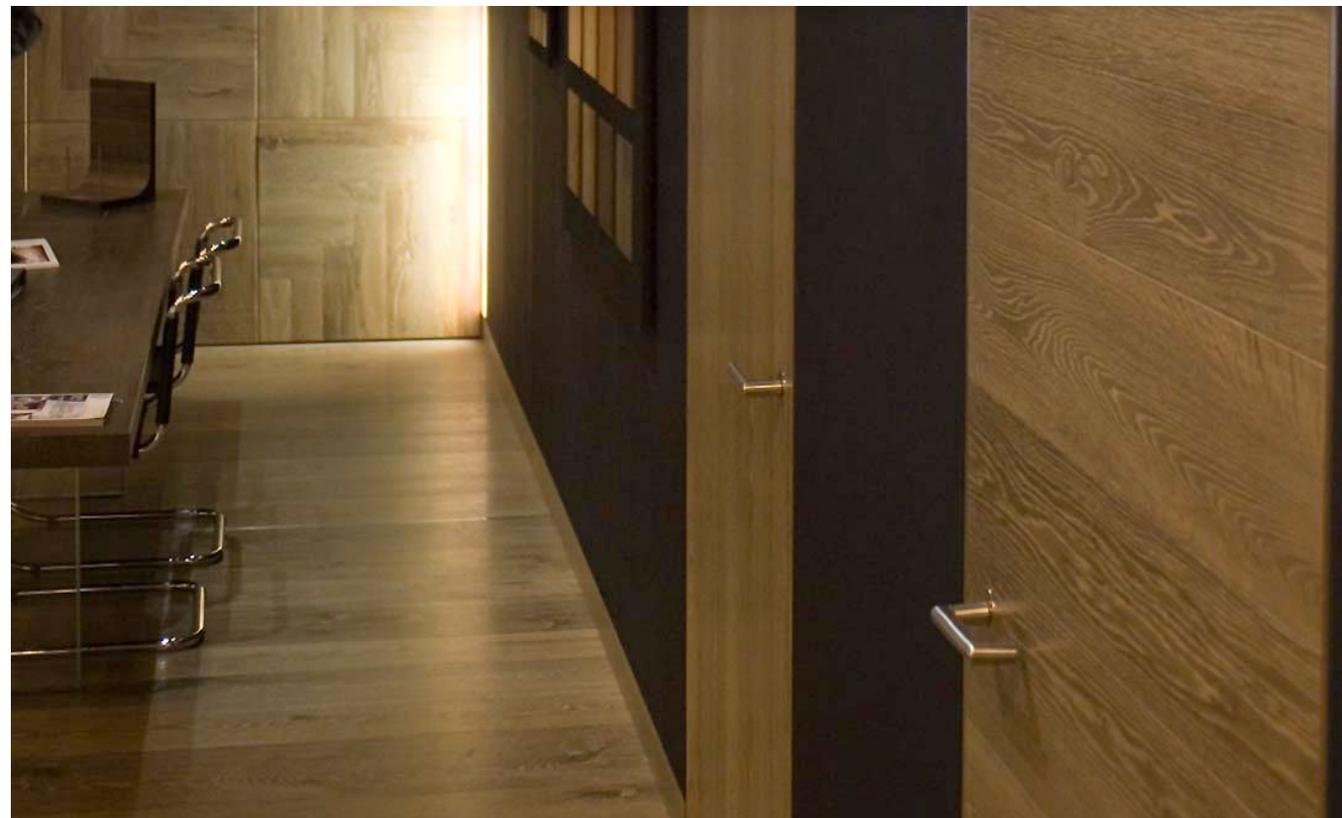
Embedded in an integrated concept, doors, skirting boards, stairs and furniture are the starting point for coordinated spatial compositions.

### **Integrated Service by Schotten & Hansen**

Our service extends far beyond manufacturing the floor – it includes the entire project management culminating in a cleaning and maintenance service.

## Integrated design

A wood floor from Schotten & Hansen provides the spatial basis for the architect's design. Integrated design further develops this aesthetic. We will use your ideas as a framework to design room elements identical in character to the floors. Stairs, doors, skirting boards or furniture - the room elements are components in an integrated approach to help you realise your plans in the overall design of the room.



## Integrated design: Idea

- > Integrated spatial design with Schotten & Hansen surfaces
- > Room elements identical in character to the wood floors: Stairs, doors, skirting boards, furniture
- > Intelligent sub-floor system
- > Solutions for floor intersections
- > Individual room ensembles that harmonise
- > One-stop design and implementation – reduces coordination costs for your project

## Integrated design: Element Staircases

- > Exclusive complements to Schotten & Hansen wood floors
- > Match all the different versions and colours in the Schotten & Hansen floor range
- > Three different surfaces:
  - shrunk
  - hand planed
  - brushed
- > Stairs and stair coverings in a variety of designs and constructions
- > Method of construction to harmonise with the selected profile



## Integrated design: Element Soho System

Design: Exclusively for Schotten & Hansen by Francisco Cortina

### Soho door system

- > Wood, surfaces & colours to match the floors
- > Stainless steel border with adjustable stainless steel band visible on one side
- > Perfect flush seal on the wall
- > 5 mm shadow gap
- > Available in three standard sizes

### Soho skirting board system

- > Perfect continuation of the wood floor
- > Flush seal to wall and floor
- > Even shadow gap
- > With boards of three different heights or alternatively with 15 mm shadow gap edge to the floor



## Integrated Service

For us, the main contact person is the architect who envisages and plans customised design projects. Our key service policy is to make sure that implementation of your project, including the floor, is done as quickly, straightforwardly and as well as possible. This is why Schotten & Hansen is involved from the planning stage through to the laying of the floor and everything relating to interior design using wood.





## Integrated Service: Our service chain

- Surveying the construction site** .....> Technical requirements, moisture measurement, sub-floor check
- Laying plan** .....> Details and plans estimate, exact bill of quantities  
Construction site protocol with laying alternatives, aligned to the floor plan
- Installation** .....> Setting up of construction site, preparation of subsurface, screwing/glueing of floor,  
Adapting floor planks to existing fittings, assembling skirting boards
- Initial care** .....> Floor finishing process with our specially developed oil-wax mixture
- Acceptance of construction work** .....> Joint final inspection of work with architect and builder
- Care** .....> Advice on care and cleaning and individually tailored maintenance services



## Schotten & Hansen – Manufacturers of Wooden Flooring

We hope that we have been able to communicate to you our standards, our pursuit of perfection and the unique beauty of our surfaces. We look forward to talking with you.

**Many thanks for your time and attention**

