



PROFESSIONAL HARDENED WOOD FLOORING

FEATURING PATENTED TECHNOLOGIES



woodura®
PATENTED SURFACE TECHNOLOGY

MADE IN SWEDEN BY





A stronger flooring range

Our carefully curated collection is for you, and we think it reflects our philosophy perfectly too — taking quality materials into new and creative realms. Choose from either oak, ash, or walnut in a timeless classic, or go modern and contemporary, there's something for whichever business you'd like to build. Featuring unique designs available right up to luxurious XXL formats. Our entire range features the incredible patented *Woodura* surface technology and *5G Dry* fold down system — making our real wood floors 3–5 times stronger than traditional hardwood floors, a breeze to install, and highly water-resistant — all at a great price.

PROFESSIONAL HARDENED WOOD FLOORING

HARDENED WOOD FLOORS — A CLASS OF ITS OWN

Hardened wood floors is a new category in flooring. Commercial areas demand unique requirements and traditionally it's a question of form or function — not anymore. Our Hardened Wood Floor collection is compromise-free, taking everything incredible about a real wood floor and giving it never before seen attributes — making our floors the perfect foundation for your business, whether it's an office, hotel, restaurant, cafe, or boutique.



100%
REAL WOOD



3X STRONGER
IMPACT RESISTANCE



HIGHLY WATER
RESISTANT



XXL PLANK
DIMENSIONS



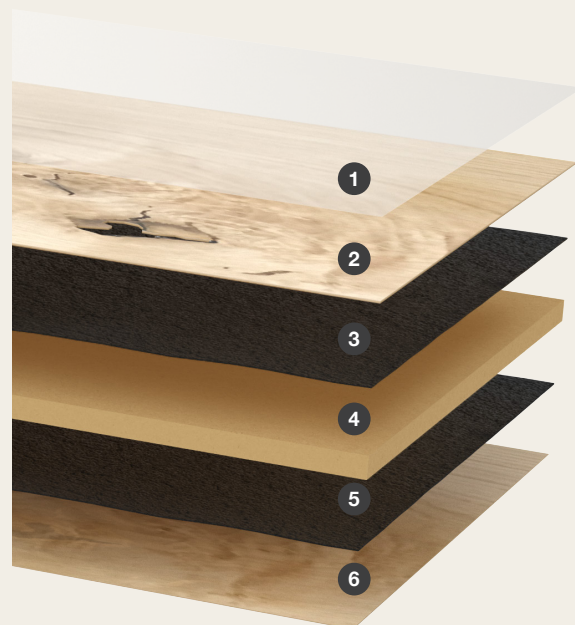
SUSTAINABLE
MANUFACTURING



FLOOR & WALL
WITH 5G CLIMB



IMPROVED INDOOR
AIR QUALITY



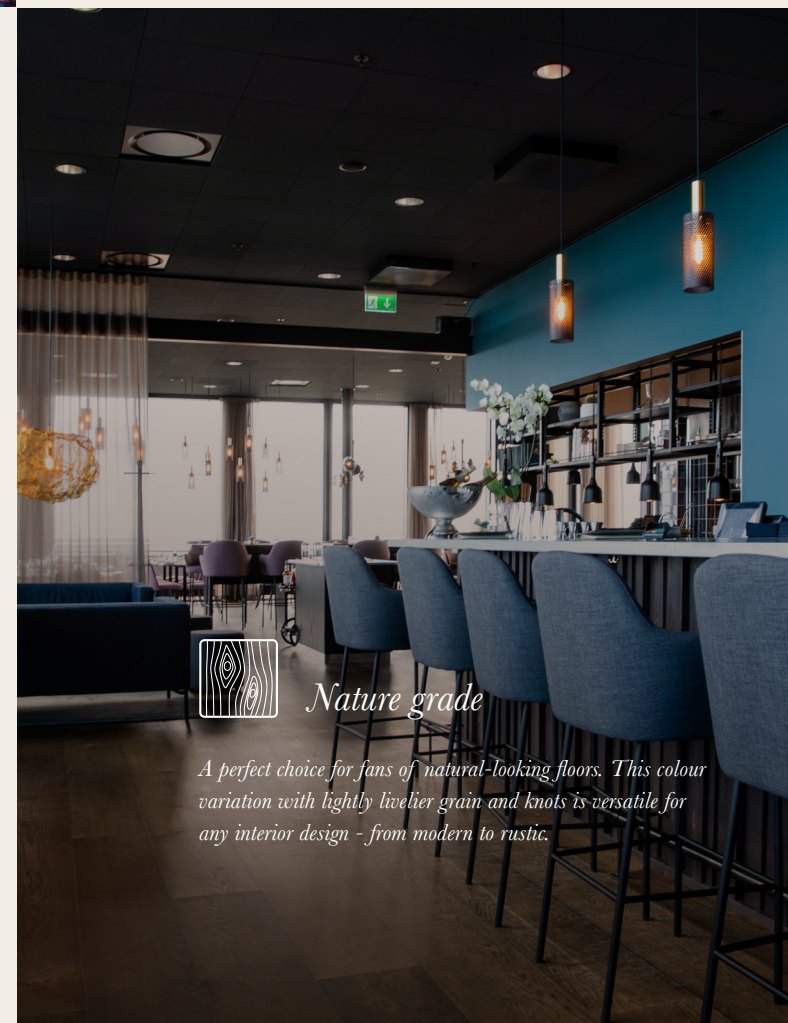
The magic's in the layers.

The patented Woodura surface technology is based on fusing a thin sheet of wood with a high density Composithek core through a powder mix layer. The powder mix perfectly fills up the natural openings of the wood and enhances the wood appearance. It also eliminates the need for wood-filler and creates a significantly stronger surface with a hardness three times greater than a traditional solid wood floor.

The Woodura surface technology enables 10 times more flooring to be produced from the same amount of timber compared to traditional engineered wood flooring.

Product design

1. UV acrylic top coat
2. Natural wood covering
3. Wood-based powder layer
4. Välinge Composithek core
5. Wood-based powder layer
6. Natural wood backing layer



Nature grade

A perfect choice for fans of natural-looking floors. This colour variation with lightly livelier grain and knots is versatile for any interior design - from modern to rustic.



Select grade

Searching for harmony and clean design? Select grade with minor colour variation and occasional knots brings character and a stylish atmosphere to your interiors.

PRO LACQUERED FLOORING

Hardened wood flooring products are suitable for most residential living areas, offices, hospitality, retail, boutiques, etc.



OAK NATURAL



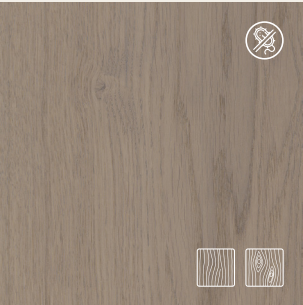
OAK HONEY



OAK MISTY WHITE



OAK POWDER WHITE



OAK EARTH GREY



OAK MINERAL GREY



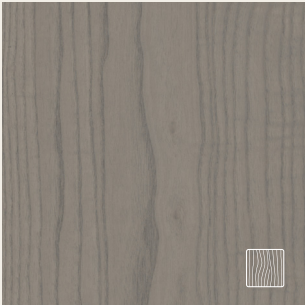
OAK TERRA BROWN



OAK SHADOW BROWN



ASH POWDER WHITE



ASH EARTH GREY



OAK MEDIUM SMOKED



OAK HARD SMOKED



WALNUT NATURAL



WALNUT TERRA BROWN

Please note that as our flooring is manufactured using natural products, colour variations and veneer patterns may differ from the printed images shown in our brochure. For further information, and product samples please contact info@valinge.co.uk

Select grade

Nature grade

Hygienius technology available in Select grade

FLOORING THAT TAKES CARE OF BUSINESS

A real wood floor — ingrained with true innovation. Välinge Flooring Hardened Wood Floors enhance any commercial area both aesthetically and functionally — the genuine wood surfaces add a touch of class, while the Woodura and 5G Dry technology takes heavy footfall and hard knocks in its stride. These are real wood floors for real-world usage — where exquisite design meets exceptional durability. Available in oak, ash, or walnut versions and XXL dimensions — but don't let their beauty fool you, next-level water-resistance and impact protection mean our Hardened Wood Floor collection means business.

A more sustainable alternative. The patented Woodura surface technology means using fewer trees for more wood. A lot more. In fact, by using sliced instead of sawn wood, like traditional engineered or solid wood flooring, Woodura allows for ten times more flooring to be produced from the same amount of timber. Our raw material comes from responsibly managed forests where the wood is processed locally — a sustainable way of harvesting and producing that ensures the forest will be there to enjoy for generations to come.

General specifications

Area of application

Hardened wood flooring products are suitable for most residential living areas, offices, hospitality, retail, boutiques, etc. The flooring is not suitable for installation in humid rooms (bathrooms, saunas etc.) Class 33 is suitable for installation in most heavy commercial and residential applications, except wet areas.

Larger floor sizes

The maximum installation area is 25 m (80 linear feet) in either direction (625 sqm/6727 sqft) before a transition is required.

XXL format
271 mm wide
2378 mm long

XL format
206 mm wide
2200 mm long

Product thickness 11 mm



REACTION TO FIRE
Standard: EN 13 501, Bfl-s1 (hardly flammable)



FORMALDEHYDE EMISSIONS E1
Standard: EN717-1, <= 0,1 ppm
(typical value <= 0,05 ppm)



THERMAL CONDUCTIVITY
Suitable for hot-water underfloor heating. Standard foil heating systems are generally not recommended. (Exception: self-regulating heating systems which maintain a maximum of 26°C surface temperature)



INSTRUCTIONS
Please visit hardenedwood.valingeflooring.com/downloads



WARRANTY
Residential: Limited lifetime
Commercial: 10 year heavy commercial
For warranty details, visit hardenedwood.valingeflooring.com

Improved indoor air quality



Degrading VOCs

Volatile Organic Compounds (VOCs) emitted from interior surfaces have a negative impact on indoor air quality and pose potential health problems. The light-induced powers of Hygienius literally make indoor air fresher and harmful VOCs and unpleasant odours are practically eliminated.

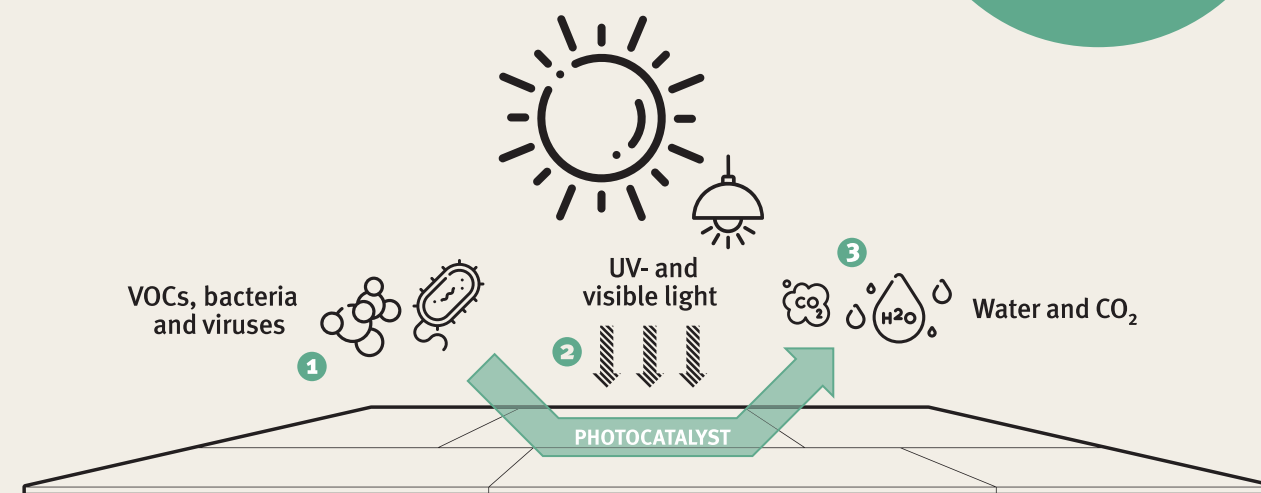


Reduces virus & bacteria

Tests with different bacteria have shown that floors with Hygienius can contribute to reduce both viruses and bacteria. Tests have shown that more than 99.9% of the viruses had disappeared after just 4 hours, and, after a total of 8 hours — so had 99.6% of all bacteria.

This is how Hygienius works

- 1 The floor is subjected to VOCs, bacteria and viruses
- 2 UV- and visible light triggers a natural photocatalytic air-purifying reaction
- 3 Toxic contaminants become water and CO₂



A floor with Hygienius photocatalytic technology integrated in the lacquer

Hygienius removes over 99% of virus and bacteria

as well as breaks down harsh odours and hazardous substances



MAKE YOUR FLOOR CLIMB THE WALL

A floor so beautiful it should be hung on the wall

5G Climb makes it incredibly easy for you to use our flooring for a beautiful wood-panelled wall. Simply use floor panels as support rails, grab our unique 5G Climb clips, and start getting creative.

The possibilities are endless, and we think floors this amazing should be admired — from every angle.



PACKED WITH WORLD CLASS INNOVATIONS

Creating a product which contains several unique innovations was a natural step to take. Välinge is an innovative company and has over the years introduced many game-changing technologies to the market

for licensees — 2G, 5G, Threespine, 5G Climb, Hygienius, the 5G Dry waterproof locking technology, and the Nadura and Woodura surface technologies.



FEATURING PATENTED FLOORING TECHNOLOGIES

5G Dry – waterproof technology

5G Dry provides enhanced water-resistance by preventing water from penetrating into the joints of the floor panels, despite being subjected to wet mopping, accidents and other events resulting from everyday use. This makes the floors incredibly easy to live with. With 5G Dry you can significantly reduce installation time, no gluing or nailing is required.

Woodura – surface technology

Woodura is a world-first — a unique, revolutionary technology that hardens wood to produce beautiful real wood floors with superpowers. The patented process results in a significantly stronger surface with up to 3x more impact protection and enhanced water and moisture resistance compared to traditional parquet floors.

Hygienius – air purifying technology

The light-induced powers of Hygienius can improve indoor air quality by reducing viruses and bacteria by more than 99%. In addition, harmful VOCs and unpleasant odours are practically eliminated.



The mark of
responsible forestry
FSC® C140725

Our Hardened Wood Floors are both GREENGUARD Gold and FSC-certified. The entire collection maximises the resources and minimises the waste from every single tree used in its production.

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NOVUSWOOD
BEAUTIFUL | SUSTAINABLE | HANDCRAFTED

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