



Wood Powder Technology

A multitude of new products with one flexible process

Wood Powder Technology provides cost saving opportunities, design freedom and improved performance. The technology is based on utilizing a wood-powder mix as either a decorative wear layer or as glue and filler for products with wood or paper surface.

VERSATILE & COST-SAVING METHOD

Välinge's Wood Powder Technology is a very versatile method to obtain a multitude of different surfaces and products by combining a wood-based powder mix in different ways.

The main ingredient in the mix is wood powder which preferably is recycled from existing production steps such as sawing, sanding or milling operations.

The wood powder is mixed with binder, pigments and other additives that provide features such as wear resistance, impact resistance and antistatic properties.

As a general process, the powder mix is scattered on top of a carrier, typically an HDF board, and finally pressed in a conventional short-cycle press (40 bars, 160-180°C).

NADURA®

Durable solid surfaces with outstanding wear resistance and natural variations.

WOODURA®

Real wood surface with high impact resistance and hardness.

WOOD POWDER LAMINATE (WPL)

Technology for improved laminate performance, deep embossing and the use of unimpregnated decor paper.

DPL WITH POWDER BACKING

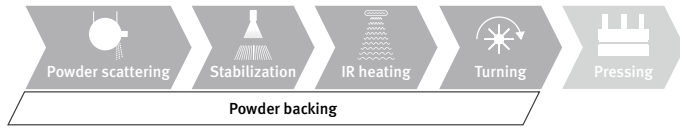
A cost saving and sustainable technology for balancing of laminate flooring products.



Välinge

Production processes

DPL WITH POWDER BACKING



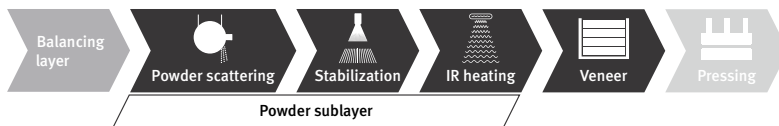
- Benefits**
- Cost saving technology
 - Adjustable balancing
 - Wood dust recycling

NADURA® FLOORING



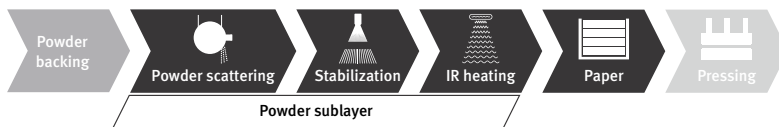
- Benefits**
- Durable solid surface
 - Attractive decors with natural variations
 - Extreme wear & impact resistance

WOODURA® FLOORING



- Benefits**
- Strong wood surface
 - Extreme impact resistance
 - Allows deep embossing

WOOD POWDER LAMINATE (WPL)



- Benefits**
- Extreme impact resistance
 - Allows deep embossing

SINGLE LAYER SURFACE (SLS)



- Benefits**
- Nadura®/Woodura® surface properties
 - Can be applied to virtually all core materials
 - Suitable for flooring, furniture, wall panels and more



INNOVATING EVERYDAY

Innovation has been at the heart and soul of our business since the company was founded in 1993. Our progress is built on always challenging today's technological solutions with new ways of thinking. That's how we revolutionized the way people install and use floors. That's also the way we introduced a groundbreaking method to assemble furniture without any tools.

Today, our licensees can be found all over the world. All our development activities take place at our R&D center in Viken, Sweden. From here we develop new concepts and provide pilot manufacturing, testing and technical support.

Each day, we make sure our licensees get access to the latest flooring, furniture and surface technologies used in people's everyday lives.

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