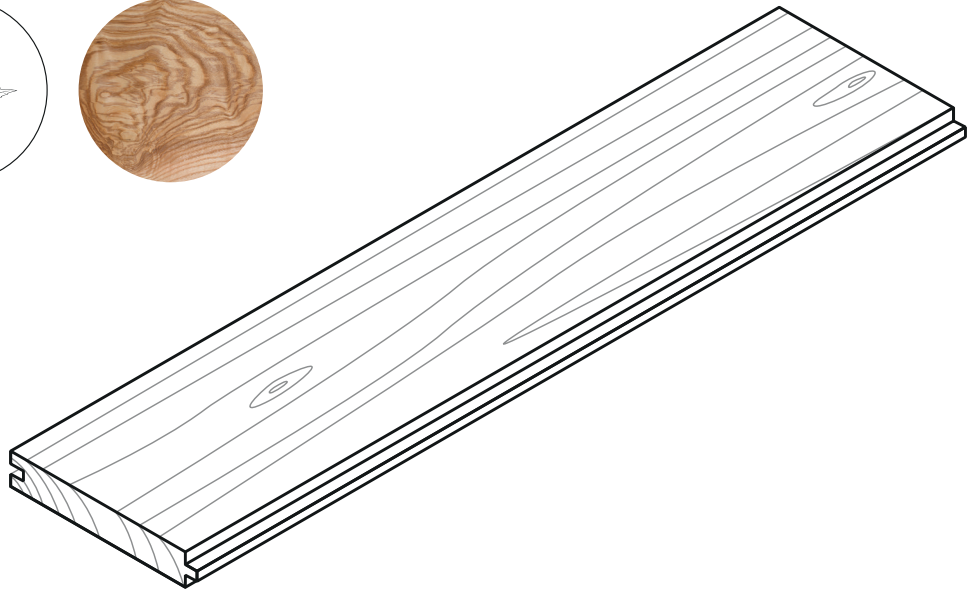




HIRAM

Habitat

PRODUCT DATA SHEET
EUROPEAN ASH
SOLID BOARDS



GENERAL INFORMATION

- 1**
 - 1.1 Origin of our timber
 - 1.2 Effect of the wood
 - 1.3 The manufacturing process

PRODUCT INFORMATION

2

SURFACES

- 3**
 - 3.1 Grading descriptions
 - 3.2 Surface treatment

General 1 Information

ORIGIN OF OUR TIMBER

- 1.1** Our ash comes mainly from German forests and from the French vicinity. The tree is a majestic sight and stands out, not only externally, because it forms a particularly hard and heavy wood and grows up to two metres in diameter.

EFFECT OF THE WOOD

- 1.2** Ash is a particularly durable and aesthetic wood. The heartwood of ash has a variety of colour - it consists of light and dark heartwood. The natural brown heart makes for a varied overall appearance of the floor. It is formed with clearly recognisable annual rings, but the naturally occurring pattern is not the only special thing about ash. Its wood is hard and heavy, making it robust and resistant in use. Its unique marbled character makes ash a wood that stands out and brings living space to life.

THE MANUFACTURING PROCESS

- 1.3** First of all, the wood is cut and air-dried. Each type of wood has its own drying time. The second drying phase takes place in state-of-the-art drying kilns, where the wood is dried down to the required residual moisture. Well seasoned, the boards reach our production facility to be crafted and processed. They are (pre-) planed and trimmed, defects are rejected, loose knots are glued, they are planed again and cut to final size. Knots and other irregularities are treated with a special filler and the surface is finally sanded.



2 Product Information



Thickness x Widths	20 x 140 - 200 mm 28 x 200 250 300 mm
Length options	Room-length boards: 1- 8 m in 50 cm intervals Variable/random lengths: 1-5 m
Grading	URBAN CLASSIC or COUNTRY CLASSIC <i>*view 3.1 Grading descriptions</i>
Profiling	Longsides T&G – floorboards in room lengths Four sides T&G – variable/random boards Rear face with relief grooves
Bevel	Optional Longsides with micro-bevel 1.5 mm or straight-edged
Wood moisture content	Butt joints are straight-edged
Knot filler	8- 10%
Top layer	Colour adapted to wood species
Surface treatment	Sanded with 80 grit, without treatment Optional Brushed or fine-sanded 100, 120 grit + lye, oils, floor soaps oxidatively drying <i>*view 3.2 Surface treatment</i>
Bottom Layer	Planed (Unplaned surfaces may result in hollows or remnants of bark)
Brinell-hardness (N/mm²)	41
Fire protection class	accord. to DIN EN 13501-1 → Cfl-s1
Thermal insulation resistance	Thickness 20 mm = 0.13 Thickness 28 mm = 0.17
Formaldehyde emission	Below detection level
Emission class	0
Density (kg/m³)	650
Installation	Full-surface glued or screwed down
Recommended glue	Stauf SPU 570
Underfloor heating	Possible with max. 27°C surface temperature

3 Surfaces

GRADING DESCRIPTIONS



3.1

COUNTRY CLASSIC

The natural grade has a healthy knot pattern with a higher number of slightly larger knots. Natural colour differences may occur, and knots or irregularities may be filled. The size of the knots depends on the type of wood and dimensions of the planks. In an interior, this grading creates character and a feeling of comfort.



URBAN CLASSIC

This assortment contains almost knot-free to small-knot planks. Natural colour differences may occur. The overall room effect is calm and elegant.



SURFACE TREATMENT

3.2

Ash of itself already has a yellowish to red colour. We therefore usually treat its wood with oils that further enhance its natural, accentuated charm. Each oil wraps the plank in its own unique glory, creating an individual atmosphere. The oil also protects the wood from UV radiation, which would quickly darken the light wood.