

# Firenze

Like all our floors Firenze has a traditionally handworked finish. The colouring is based on pigmented stain which produces a uniform brown colour. Two thick layers of air-dried lacquer generate a hard-wearing and at the same time maintenance-free floor.

Collections	Velvet Art-de-France
Species	European Oak from sustainable forestry
Colouring	reactive stains
Finish	several layers of traditional spray-lacquer, air-dried
Maintenance	supplied ready for use, minimal care, in case of need use our Waxcare, virtually maintenance-free
Construction	4 mm solid oak on stable, waterproof birch-plywood, 5 mm for 3D-Vivid tongue & groove all around
Installation	We recommend glued-down installation with an appropriate glue, floating installation is possible
Underfloor heating	Best suited for underfloor-heating through its solid construction, low thermal resistance
Thickness	15 mm
Widths	180 or 220 mm 3D-Vivid: 180-250/300 mm mixed
Gradings	Country Classic Noblesse 3D: Vivid



Firenze, Velvet, Vivid



Classic (Symbolfoto)



Country (Symbolfoto)

Colour-variation	
Colour-stability	
Maintenance (less means less)	

## Construction on birch plywood or 3-layer-construction on spruce?

The construction on birch plywood has some advantages compared to the construction on spruce. The density is much higher which consequently results in better thermal resistance. Additionally the form stability of birch plywood is higher. Just lift one of our samples and you will immediately note the difference.

## Oilsealer, natural oil, UV-oil, UV-lacquer or oxidative lacquer

For some time still and to a high extent there are being offered oiled planks that have been treated with oils of higher or minor quality. The differences are considerable. Natural oils deeply enter the wood, strengthen and protect it well when regularly cared. The combination with oilseal merges the features of a natural oil as deep protection with those of a maintenance-free lacquer. Our oilsealer perfectly combines with the natural oil beneath and best protects the surface from dirt and spots from liquids. Therefore our floors have been installed several times in bathrooms as well as even longer sprinkling with water, soap or oil or similar liquids does not leave any marks. In bathrooms we recommend the additional impregnation of the edges against water entry. Your sales staff will be pleased to inform you.

UV-oils are nothing else but a favourably-priced compromise, i.e. they are actually lacquers with some oil added, with no depth affect and only low wear resistance. UV-oils are mainly used in the lowest price- and quality classes.

Lacquers differ fundamentally as regards their quality. UV-lacquers are being recommended for their scratch resistance and good abrasion value, but have the essential disadvantage that the intensity of the colour fades away and looks unattractive before long. There are applied appr. 30-40 g per m<sup>2</sup>. The Oak Factory uses exclusively most significant and over longer periods air-dried lacquers which on one side keep their quality for a long time and possess the required elasticity and on the other side look good for a long time. We apply appr. 180 g per m<sup>2</sup> on our products.

## Tongue & groove or click-connections

Click-connections are being advertised for their simple installation. This is absolutely justified in the Do-it-yourself-segment as the installation saves time. The price you pay, however, is the risk that the click-connections may fail or start to creak after some time. For that reason a high-quality floor should have the classical tongue & groove connection. This construction has proved for decades and is still today the choice of professional layers.

## Underfloor heating

Our construction on waterproof-glued birch plywood has a density of more than 700 kg per m<sup>3</sup>. Among other things the high weight results from hardly any air being comprised in the substructure. Air is known as good isolator which thus absorbs the effect of the underfloor heating. A big share of the energy is heated downwards instead of upwards. We want to point out in this connection that floors with birch plywood construction are more flexible and run better with night setbacks. Your electricity bill will be lower.

Above statements are according to our best knowledge. Pictures and samples cannot replace a professional consultation.

[www.oakfactory.eu](http://www.oakfactory.eu)



The Oak Factory GmbH	
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EN 14342:2005+A1:2008 Zweischichtdielen mit Nut und Feder, Nuttschicht 4 mm zum Kleben oder schwimmend verlegen	
Brandverhalten	Cfl-s1
verbunden mit dem Mindestwert der mittleren Dichte	680 kg/m <sup>3</sup>
und der Mindestgesamtdicke	16 mm
Formaldehydemission (-abgabe)	E1
PCP Gehalt	$\leq 5 \times 10^{-6}n$
Bruchfestigkeit	NPD
Rutschverhalten	NPD
Wärmeleitfähigkeit	0,14 W/m K
Biologische Dauerhaftigkeit	Klasse 1