



www.serenzo.net

SERENZO®

flooring

DUO-X

We change the face of hardwood-flooring.
Wir verändern die Welt der Holzfußböden.

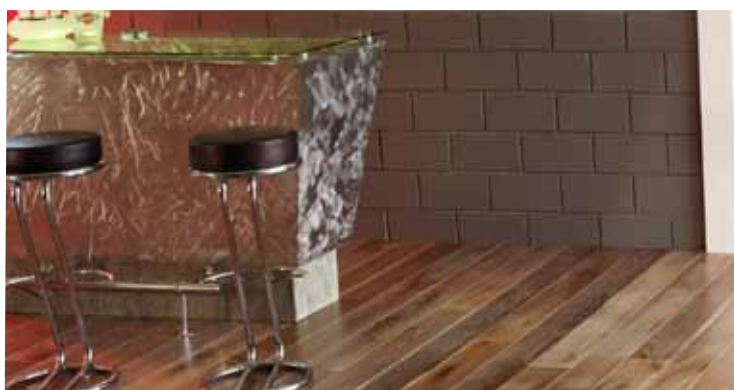
Transformamos el mundo de los suelos de madera.



Serenzo DUO-x

Conventional multi-layer wood flooring

<ul style="list-style-type: none">• Extra-strong top layer of up to 6mm thickness	<ul style="list-style-type: none">• 2,5 to 3,5 mm top layer
<ul style="list-style-type: none">• Dimensionally stable back layer made of 11 layers of birch plywood	<ul style="list-style-type: none">• Back layer made of soft, less stable, pinewood
<ul style="list-style-type: none">• DUO-x wood originates exclusively from sustainable forestry operations and is FSC certified. Further information under www.fsc.org	<ul style="list-style-type: none">• Mostly cheap, bottom range products. Often Asian production from illegal forestry operations and exotic wood species
<ul style="list-style-type: none">• Total thickness of 20mm suitable to be fitted by either screwing/nailing onto joists, by gluing down or floating.	<ul style="list-style-type: none">• Nearly impossible to lay directly onto joists and therefore requiring an expensive subfloor
<ul style="list-style-type: none">• Formaldehyde-free, cold bonding results in more dimensional stability and an emission-free floor	<ul style="list-style-type: none">• Mostly heat-bond with cheap urea glue. The heat is responsible for tensions in the wood and this can eventually result in distortion
<ul style="list-style-type: none">• Traditional tongue and groove connection proven for centuries	<ul style="list-style-type: none">• New "Click"- profile making creaking noises more likely
<ul style="list-style-type: none">• 7 mm tongue increases the strength and thus the bonding between individual planks for maximum stability	<ul style="list-style-type: none">• 4-5mm thick tongue
<ul style="list-style-type: none">• Dozens of high quality factory surfaces	<ul style="list-style-type: none">• Mostly only available in lacquered and oiled sanded surface



Serenzo DUO-x combines the advantages of our solid planks with the dimensional stability of a multi-layer construction. The top-layer of up to 6mm thickness (depending on the finish and thickness of the product chosen) allows for a longer lifetime in comparison to conventional engineered pre-finished wood flooring.

Serenzo DUO-x can be fitted by either screwing/nailing onto joists, by gluing down or floating. It can be laid on almost all existing subfloors eliminating the additional cost of subfloor preparation. Moreover, 7 mm deep tongue increases the bonding strength, as opposed to conventional 4-5 mm ones.

Choose among dozens of different high-quality finishes, from antique looking surfaces to the most modern colours. Please contact your floor specialist for further details and advice.

Serenzo stands for quality.

All raw material for Serenzo floors is carefully selected and originates exclusively from sustainable forestry operations. We make a point in not using any cheap "grey import" material. Thus Serenzo is FSC certified.

SERENZO DUO-x

2E3E1ΣO DΠO-x



-D

- 6mm



Serenzo Duo-x – Technical details

Type	Engineered 2-ply plank
Summary	Engineered plank bonded on a multi-layer plywood construction, with tongue and groove on the 4 sides, oxidative oiled or 6 layers, each individually hardened, of abrasion-resistant multi-component UV lacquer, thickness 14 mm/ 20 mm, top layer thickness 4 mm/ 6 mm, in fixed lengths

Products	Duo-x 14	Duo-x 20
Thickness	14 mm	20 mm
Nominal top layer	4 mm	6 mm

Processing	Plank with continuous wear layer 4 sides tongue and groove 4 sides v-joint (bevel) all around
Moisture content	Carefully dried wood Humidity 9 % ± 2 %
Type of installation	Free pattern
Installation methods	screwed / nailed / glued / floating

Finish	Olio	Diamante
Material	(Oxidative) oil	Lacquer
Type	Natural vegetable oil	Multi-component UV lacquer

Thickness variation	± 0,3 mm
Admissible difference in length	Not applicable
Admissible difference in width	(±) 0,5%
Squareness	0,2% along the width
Height differences	(±) 0,2 mm
Bending (along the element)	
Bow	0,2 % along the length
Spring	2 %
Bending (across the element)	0,7 % along the width

Resistance to roller castors on chairs	EN 425
Bond strength/ cross-cut test	EN ISO 2409
Chemical resistance	EN 13226
Scraping with furniture feet	EN 424
Slip resistance inclined plane	DIN 51130
Sliding friction	DIN EN 13983

Thermal transmittance value	DIN EN 12664:2001 (Oak)
Thermal conductivity	DIN EN 12524:2001 (0,14 (m ² K)/ W)
Inflammability	EN 13501-1 (C _{fl} -s1)
Transmission noise reduction	ISO 140-8 delta Lw
Formaldehyde	E1
Biological durability	EN350-2 (Klasse 2)
Underfloor heating	DUO-x 14 DUO-x 20
	0,083 m ² K/W 0,118 m ² K/W



Dimensionally stable back layer made of birch plywood

Top layer nominal (for 20mm thickness)



Please contact your floor specialist for any further questions you may have.



Product information by nature cannot contain the complete information of all present and future scenarios of use and specialities, which are in part the result of the versatile raw material wood. This is why the professional processor of wood cannot be absolved from asking further questions when in doubt, from the responsibility of testing on site and from the critical attention when processing. We have abstained from giving information that can be expected to be known by experts. The contents of this sheet is not legally binding and does not give grounds for warranty and liability claims. The images are phototechnical reproductions and the colours can only be close to the real ones. Therefore the floor delivered may vary in colour and tone.

