

# liseo with Sound-Protect Eco Plus acoustic system

<b>Description</b>			
Direct Pressure Laminate according to EN 13329 for glueless installation			
<b>Fields of use</b>			
Laminate liseo is suitable for heavy domestic and general commercial use (EN 13329 - 32) "Allgemeine bauaufsichtliche Zulassung": Z-156.606-410			
<b>Technical details</b>		<b>Design</b>	
<b>Dimensions (Decor)</b>	1280 x 192 mm		<b>1</b>
<b>Thickness of element</b>	9 mm		<b>2</b>
<b>Package</b>	Pack: 7 elements / 1,72 m <sup>2</sup> / 13,92 kg Pallet: 56 packs / 96,32 m <sup>2</sup> / 795 kg		<b>3</b>
<b>Quality Guarantee*</b>	25 years / lifetime Domestic area Commercial area		<b>4</b>
			<b>5</b>
			<b>6</b>
<b>Classification</b>			
		<b>Test Method Standard</b>	<b>Marking acc. Standard</b>
	<b>Level of use 23</b> Heavy domestic use	EN 13329	Corridors, living rooms, kitchens, home offices
	<b>Level of use 32</b> General commercial use	EN 13329	Offices, boutiques, cafés
	LocTec click system	-	Optimum fit with longer durability
	Coreboard	-	HDF board
	Abrasion resistance	EN 13329, annex E	AC 4
	Impact resistance	EN 13329, annex F	IC 2
	Reaction to fire	DIN 4102 T1 EN 13501-1	B1 C <sub>L</sub> s1
	Dynamic coefficient of friction	EN 13893 EN 14041	μ ≥ 0.3 DS
	Resistance to staining	EN 438-2	Materials of group 1 + 2: ≥ grade 5 Materials of group 3: ≥ grade 4
	Resistance to cigarette burns	EN 438-2	Slight change of the surface ≥ grade 4
	Impact sound reduction <b>6</b>	DIN EN ISO 140-8	~ 21 dB
	Light fastness	EN ISO 105 - B02 EN 20105 - A02	Blue wool scale: ≥ 6 Grey scale: ≥ 4
	Static indentation	EN 433	No visible change, i.e. ≤ 0,01 mm indentation using a straight steel cylinder, Ø = 11,30 mm.
	Effect of a furniture leg	EN 424	No visible damage, when tested with foot type 0
	Effect of a castor chair	EN 425	No change in appearance or damage, as defined in EN 425. Single-wheel castors, as defined in EN 12529:1998, 5.4.4.2 (Type W) shall be used.
	<b>Thermal resistance</b> Underfloor heating - suitable in connection with underlay material and PE-foil as moisture barrier	DIN EN 12664	< 0,07 (m <sup>2</sup> K)/W - floating installation
	Formaldehyde emission	DIN EN 14041	E1
	<b>Environment/Disposal</b>	<u>Private disposal:</u> like laminated furniture; possible with normal domestic refuse <u>Commercial disposal:</u>	Refuse-key-no. AVV 170201

\* acc. to the Witex guarantee provisions  
\*\* acc. to the Witex implementation provisions

**Relevant Information:**  
- Cleaning and care: see separate cleaning & care instruction  
- liseo with Sound Protect Eco Plus acoustic system can also be installed completely glued to the subfloor. Please check details with our technical department.  
- Technical subjects can be changed by Witex