

TECHNICAL SPECIFICATIONS

		pro 06		lounge 06		deluxe* 06		twist* 06		classic 20	elegant 20	royal* 20	classic 32
TEST METHOD		brushed	sealed	brushed	sealed	brushed	sealed	brushed	sealed	brushed	brushed	brushed	brushed
GENERAL PROPERTIES	Wood veneer floor covering	EN14354/EN14352											
	Domestic usage classification	EN685		Class 23		Class 23		Class 23		Class 22		Class 22	
	Commercial usage classification	EN685		Class 31		Class 31		Class 31		Class 31		Class 31	
	Warranty	DECOSPAN nv		15 years		15 years		15 years		15 years		15 years	
	CE certification	EN14342		EN14342:2013		EN14342:2013		EN14342:2013		EN14342:2005+A1:2008		EN14342:2005+A1:2008	
	Dop Nr.			14001		14002		14009		15010		15012	
	Moisture content	EN322		≤6 %		≤6 %		≤6 %		≤9 %		≤9 %	
	Dimensions of floor boards	EN14354		1203 x 190 x 7.2 mm		1203 x 124 x 8.3 mm		1800 x 166 x 12 mm		1185 x 150 x 10 mm		1935 x 194 x 12 mm	
	Thickness of the top layer	EN14354		0.6 mm		0.6 mm		0.6 mm		2 mm		2 mm	
	Deviation of thickness	EN14354		≤0.5 mm		≤0.5 mm		≤0.5 mm		≤0.5 mm		≤0.5 mm	
	Deviation of squareness	EN324-2		≤0.2 mm		≤0.2 mm		≤0.2 mm		≤0.2 mm		≤0.2 mm	
	Cup in width direction	EN14354		≤0.2 %		≤0.2 %		≤0.2 %		≤1 %		≤1 %	
	Flatness deviation			4 %		4 %		3 %		4 %		4 %	
	Internal bond	EN319		>1.4 N/mm²		>1.4 N/mm²		>1.3 N/mm²		>1.3 N/mm²		>1.3 N/mm²	
	Veneer glueing adhesion	EN204/205		≥1 N/mm²		≥1 N/mm²		≥1 N/mm²		≥1 N/mm²		≥1 N/mm²	
	Mechanical connection system			Uniclic system		Uniclic system		Uniclic system		Uniclic system		Uniclic system	
	Opening between elements	EN14354		≤0.2 mm		≤0.2 mm		≤0.2 mm		≤0.2 mm		≤0.2 mm	
	Tensile strength on short end	ISO24334		500 kg/lm		550 kg/lm		625 kg/lm		600 kg/lm			
	Density	EN323/EN672		>950 kg/m³		>950 kg/m³		>850 kg/m³		>850 kg/m³		>850 kg/m³	
	Weight/sqm			7 kg		8 kg		10 kg		8 kg		10 kg	
CLASSIFICATIONS PROPERTIES	Thickness distension	EN 13329 annex G		≤8 %		≤8 %		≤10 %		≤8 %		≤8 %	
	Resistance to indentation	EN 1534		≥20 Newton/mm²		≥20 Newton/mm²		≥20 Newton/mm²		≥20 Newton/mm²		≥20 Newton/mm²	
	Resistance to abrasion	EN 14354//EN112,73,XX		>3000 revolutions		>3000 revolutions		>3000 revolutions		>3000 revolutions		>3000 revolutions	
	Impact resistance	EN 438-2.21EC2		>1200 (EC2)		>1200 (EC2)		>1200 (EC2)		>1200 (EC2)		>1200 (EC2)	
	Adhesion of the lacquer	EN ISO 2409		class <2		class <2		class <2		class <2		class <2	
	Resistance to chemical agents	EN 423/part 2		grade 4*		grade 4*		grade 4*		grade 4*		grade 4*	
ADDITIONAL PROPERTIES	Appearance of the lacquer	EN 438/2-5		ok		ok		ok		ok		ok	
	Gloss	EN 2813		10% (matt) 20% (satin)		10% (matt) 20% (satin)		10% (matt) 20% (satin)		10% (matt)		10% (matt)	
	Hardness of the lacquer	DIN 53154		3 Newton		3 Newton		3 Newton		2 Newton		2 Newton	
	Residual indentation	EN 433		<0.05 mm		<0.05 mm		<0.05 mm		<0.05 mm		<0.05 mm	
	Impact resistance acc. to Wegner	EN 438-2/11		>5 Newton		>5 Newton		>5 Newton		>2.5 Newton		>2.5 Newton	
	Elasticity of the lacquer	CEN/TC112 (Brinell)		2 Hb		2 Hb		2 Hb		2 Hb		2 Hb	
	Colour fastness	EN 105-B02		grade >6		grade >6		grade >6		grade >6		grade >6	
	Castor chair resistance	EN 425		no visible change		no visible change		no visible change					
	Burning cigarette	EN 438-2/30		Class 3**		Class 3**		Class 3**		Class 3**		Class 3**	
	Underfloor heating/cooling			ok		ok		ok		ok but glued		ok but glued	
	Thermal resistance	EN 12667		0.043 m²K/W		0.0493 m²K/W		0.0820 m²K/W		0.07 m²K/W		0.0999 m²K/W	
	Thermal conduction	EN 12667		0.230 W/mK		0.203 W/mK		0.122 W/mK		0.15 W/mK		0.12 W/mK	
	Step sound	NF S 31-074		class D (85 db)		class D (85 db)		class D (85 db)					
	Acoustic improvement	EN 140-8/EN717-2(Ln,w)		65 dB		65 dB		64 dB					
	Reduction of sound impact	EN 140-8/EN717-2 (ΔLw)		15 dB		15 dB		15 dB					
	Antistatic performance	EN 1815		< 2 kV (antistatic)		< 2 kV (antistatic)		< 2 kV (antistatic)		< 2 kV (antistatic)		< 2 kV (antistatic)	
	Biological durability	EN 335-1/EN335-2		Class 1		Class 1		Class 1		Class 1		Class 1	
	Well-managed forests			FSC certified (optional)		FSC certified (optional)		FSC certified (optional)		FSC certified (optional)		FSC certified (optional)	
	Resistance to termites			good		good		good		good		good	
	Resistance to bacteria			Ultrafresh		Ultrafresh		Ultrafresh		Ultrafresh		Ultrafresh	
	Recycling			ok		ok		ok		ok		ok	
SAFETY PROPERTIES	VOC loss	EN 664		<2.1 %		<2.1 %		<2.1 %		<2.1 %		<2.1 %	
	VOC loss	French legislation ISO16000		A		A		A		A+		A+	
	Formaldehyde emission	E1 (EN 717-1)		Class E1 (<0.13 ppm)		Class E1 (<0.13 ppm)		Class E1 (<0.13 ppm)		Class E1 (<0.13 ppm)		Class E1 (<0.13 ppm)	
	Formaldehyde emission	E1 (EN 717-2)		Class E1 (<3.5 mg/m³h)		Class E1 (<3.5 mg/m³h)		Class E1 (<3.5 mg/m³h)		Class E1 (<3.5 mg/m³h)		Class E1 (<3.5 mg/m³h)	
	Formaldehyde emission	ASTM E 1333-96		CARB 2		CARB 2		CARB 2					
	Exudation of plasticizers	EN 665		0 %		0 %		0 %					
	PCP (pentachlorophenol)	CEN/TR 14823		PCP free		PCP free		PCP free		PCP free		PCP free	
	Burning cigarette	EN 438-2/30		Class 3**		Class 3**		Class 3**		Class 3**		Class 3**	
	Fire reaction and smoke generation	EN 13501-1		Class Cfl s1		Class Bfl s1		Class Cfl s1		Class Dfl s1		Class Dfl s1	
	Slip resistance (dry conditions)	DIN 51131		Class R11 (average)		Class R11 (average)		Class R11 (average)		Class R11 (average)		Class R11 (average)	
	Slip resistance (wet conditions)	EN 1339 (pendule)		Class ≥15 (USRV)		Class ≥15 (USRV)		Class ≥15 (USRV)		Class ≥15 (USRV)		Class ≥15 (USRV)	

* 1=surface destruction, 5=no visibel changes / ** class 3 = moderate change of gloss level and/or moderate brown spot