
















## VINYL DESIGN PLUS

			HDF	Hydro Sound	Tiles
	Dimensions & thickness	EN 427 & EN 428	ca. 1.235 × 230 × 9,8 mm ca. 1.235 × 305 × 9,8 mm	ca. 1.235 × 230 × 6,5 mm ca. 1.235 × 305 × 6,5 mm	ca. 1235 × 230 × 1,8 mm ca. 1235 × 305 × 1,8 mm
	Classification	EN 16511	domestic 23 commercial 32	domestic 23 commercial 32	domestic 23 commercial 32
	Total weight	EN 430	ca. 10.000 g/m <sup>2</sup>	ca. 7.000 g/m <sup>2</sup>	ca. 3.600 g/m <sup>2</sup>
	Impact sound reduction	EN ISO 717-2	ca. 16 dB	ca. 20 dB	ca. 5 dB
	Effect of castor chair	EN 425	suitable for type W	suitable for type W	suitable for type W
	Reaction of fire	EN ISO 9239-1	Bfl s1	Bfl s1	Bfl s1
	Thermal resistance	EN 12524	0,088 m <sup>2</sup> K/W	6,5 mm ca. 0,050 m <sup>2</sup> K/W 9,8 mm ca. 0,075 m <sup>2</sup> K/W	ca. 0,019 m <sup>2</sup> K/W
	Dimensional stability	EN 434	< 0,05%	< 0,10%	< 0,10%
	Residual indentation	EN 433	max. 0,03 mm	max. 0,03 mm	max. 0,03 mm
	Lightfast	ISO 105	6 / 7	6 / 7	6 / 7
	Resistance to chemicals	EN 423	Good resistance	Good resistance	Good resistance
	Emissions value		in conformity with AgBB	in conformity with AgBB	in conformity with AgBB
	Swellness value 24h	EN 317	< 8%	0 % (wasserfest / waterproof)	0 % (wasserfest / waterproof)
	Locking strength	ISO 24334	HDF > 500 kg/lfm – kg/m	> 500 kg/lfm – kg/m	
	Reaction to static electricity	EN 1815			
	Coefficient of friction	EN 51130	R10	R10	R10

