

Technical characteristics	Items	Units	Standard	results
Size	9" and less	mm	EN427	$\pm 0.1$
	9" -24" (including 24" )	mm		$\pm 0.3$
	24" - 54"	mm		$\pm 0.5$
	Squareness	mm		$\leq 0.10$
	Straightness	mm		$\leq 0.10$
	Gap	mm		$\leq 0.2$
	Beveled edge width (0.3mm wear layer and above)	mm		0.7-1.5
	Thickness	mm	EN428	0.13/-0.10
Physical properties	Shrinkage	%	EN434	$\leq 0.10$
	Curling after 6H at 80°C $\pm 2^{\circ}\text{C}$	mm		$\leq 1.2$
	Curling after 6H at -14°C $\pm 2^{\circ}\text{C}$	mm		$\leq 1.2$
	Residual indentation	mm	EN433	$\leq 0.1$
	Peel resistance	kgf/5cm	EN431	0.12 and less: $\geq 3.8$ ; 0.12-0.55: $\geq 4.5$ 0.55 (and more): $\geq 6.5$
	Coating weight	g/m <sup>2</sup>	/	7 $\pm$ 2
	Abrasion resistance	g/1000 Circles	EN-660-2	$\leq 0.015$ (group T)
	Scratch resistance	g		$\geq 2000$
	Coating adhesion	%	/	100
	Flexibility -10mm mandrel		EN 426	Pass
	Bearing a castor chair		EN 425	Pass
	Gloss	gu	/	n $\pm$ 2
	Slip resistance		EN 13893	CLASS DS (R9)
	Colour fastness to light		ISO 105-B02	PASS- Grade $\geq 6$
	Resistance to chemicals		EN 423	PASS
	Reaction to fire		EN 13501-1	BF1-S1
	Thermal Conductivity		EN 12667	0.144 W/m. K
	Formaldehyde Emission		EN 717-1:2004	CLASS E1
Toxic element test		EN 71-3	Pass	