














KAMAK srl
Technical Information for Loose Lay flooring

	Characteristics	Standards	Result
	Wear resistance	EN660-2:1999+A1:2003 EN649 2011	Fv=1.4mm ³ Wear group:T
	Abrasion resistance (0.5mm wearlayer)	EN13329:2006/A1:2008	7000 cycles Abrasion Class: >AC5
	Staining resistance	EN 423:2001	Not affected
	Colour fastness to light	ISO 105 B02:1994 /Amd 1:1998+Amd 2:2000	Grade 6
	Peel resistance	EN 431:1994	Upper layer: (X direction:90N/50mm, Y direction:90N/50mm)
	Effect of a castor chair	EN 425:2002	No visible damage
	Thermal conductivity	EN 12667:2001	0.111 W/(m.K)
	Slip resistance	DIN 51130:2010 EN13893	R10 Class DS
	Fire resistance	EN 9239-1 EN ISO11925-2 EN 13501-1	B _{f1} -S1
	Determination of residual indentation after static loading	EN433:1994	0.038mm
	Impact sound insulation	ISO 10140-1:2010 ISO 717-2:1996+A1:2006	$\Delta L_w=8$ dB, $C_{i,\Delta}=-4$ dB
	Impact insulation class	ASTM E2179-09 ASTM E492-09 ASTM E989-06	IIC _C -28= Δ IIC 19 IIC 53
	PVC resin Stabilizer Wear layer	US EPA 8270D:2007 DMF (N,N-dimethylformamide)	Not Detected
	Dimensional stability and curling after exposure to heat	EN 434 :1994	variation of X direction :-0.09% variation of Y direction :-0.05% Curling:<0.5mm
	Phthalate tests (DBP/BBP/DEHP/DINP/ DNOP/DIDP)	EN 14372:2004 EPA3550C-EPA8270D	Free
	Soluble heavy metal contents test	EN 71 Part 3:1994+ A1:2000+AC:2002 ASTM F 963-11	Not detected PASS
	French VOC Regulation	ISO16000 parts-3, -6, -9, -11	A+