

Premium Rigid 50

I. SPECIFICATIONS:

CONTENTS		Result	Tolerance		STANDARD
			MIN	MAX	
Surface	Emboss	Yes	-	-	
	Random emboss	Medium Emboss 02			
	Emboss in register	No			
Thickness (mm)	Thickness of core (Not including wearlayer)	4.5			
	Thickness of wearlayer	0.5	-	-	
Size of plank- Kich	Width	228	227.85	228.15	ISO 24337
	Length	1220	1219	1221	
	Thickness	5	4.87	5.13	
Backing/ pad layer	Thickness (mm)	1.5	-	-	
	Type (IXPE/EVA)	IXPE	-	-	
	Color	Black	-	-	
	Density		-	-	
	Emboss (yes/no)	Yes	-	-	
Packing	Planks/box	8	-	-	

II. RESISTANCE TESTS

CONTENTS		Unit	Result	Standard	
Scratch Resistance	Gloss (Gu)	Gu	4 - 8	ISO 2813	
	Scratch resistance weight (g)	Gram	≤2000	ISO 1518	
Installation gap	Average Value	mm	≤ 0.1	ISO 24337	
	Individual values	mm	≤ 0.2		
Profile accuracy		mm	≤ 0.1	Profile Projector	
Locking strength	Tensile strength 30mm	N/mm	≥ 110N	ISO 16906	
	Flexural strength 15mm	N/mm	≥ 3N	ASTM D790	
Dimension stability (80 ° C * 6h)		%	≤ 0.17%	ISO 23999	
Dimension stability (0 ° C * 6h, 23 ° C within 12h)		%	≤ 0.10%	ISO 23999	
Bonding strength between SPC core and upper layer		N/mm	≥ 30N/25mm	EN431	
Bonding strength between SPC core and backing layer		N/mm	≥ 4N/50mm	EN431	
Abrasion (wear layer : 0.5mm)		Rev	≥6000	ASTM D4060	
Residual indentation		%	≤ 3%	ASTM F1914	

