Technical Specifications

COLLECTION - THE BASICS & THE CLASSICS				CYPRESS		WALNUT		OAK		ASPEN		ROSEWOOD		SPRUCE		MAPLE	
#	**Parameter**	**Standard**	**Range**	***Value***	***Result***	***Value***	***Result***	***Value***	***Result***	***Value***	***Result***	***Value***	***Result***	***Value***	***Result***	***Value***	***Result***
1	**Plank Dimensions**	**-**	**mm**	4*225*1220 / 5*225*1220	-	4*225*1220 / 5*225*1220	-	5*225*1220	-	5*225*1220	-	5*225*1220	-	5*225*1220	-	5*225*1220	-
2	**Backing Type**	**-**	**1 mm IXPE or 1 mm EVA C**	1 mm IXPE	-	1 mm IXPE	-	1 mm IXPE	-	1 mm IXPE	-	1 mm IXPE	-	1 mm IXPE	-	1 mm IXPE	-
3	**Wear Layer Thickness**	**-**	**Tolerance = +/- 0.03 mm**	0.3 mm	***Pass***	0.3 mm	***Pass***	0.3 mm	***Pass***	0.3 mm	***Pass***	0.3 mm	***Pass***	0.3 mm	***Pass***	0.3 mm	***Pass***
4	**Overall Thickness**	**-**	**Tolerance = +/- 0.05 mm**	4 / 4.98	***Pass***	3.99 / 5	***Pass***	4.99	***Pass***	5.02	***Pass***	4.99	***Pass***	4.99	***Pass***	5	***Pass***
5	**Density (kg/m3)**	**EN 436**	**1940 to 2140 kg/m3**	2016 / 1993	***Pass***	2009 / 2002	***Pass***	2019	***Pass***	2025	***Pass***	2013	***Pass***	1990	***Pass***	1978	***Pass***
6	**Bending Strength**	**GB 17657**	**Average >= 18.0 mpa**	20.2 / 18.1	***Pass***	20.0 / 20.0	***Pass***	18	***Pass***	23.3	***Pass***	19	***Pass***	19.8	***Pass***	18	***Pass***
7	**Elasticity Modulus**	**GB 17657**	**Average >= 3500 mpa**	4560 / 3536	***Pass***	5686 / 4182	***Pass***	3721	***Pass***	4841	***Pass***	4748	***Pass***	4033	***Pass***	3778	***Pass***
8	**Peeling Strength**	**EN 431**	**>= 60 N / 50 mm**	74 / 77.05	***Pass***	70 / 63.05	***Pass***	60.65	***Pass***	77	***Pass***	66.85	***Pass***	62.25	***Pass***	70.3	***Pass***
9	**Dimen Stad Shrinking 80°C - 6 H**	**ISO 23999**	**ΔL <= 0.15%**	0.07 / 0.09	***Pass***	0.05 / 0.09	***Pass***	0.13	***Pass***	0.03	***Pass***	0.06	***Pass***	0.11	***Pass***	0.09	***Pass***
10	**Dimen Stad Shrinking 80°C - 6 H**	**ISO 23999**	**ΔW <= 0.15%**	0.09 / 0.10	***Pass***	0.07 / 0.06	***Pass***	0.08	***Pass***	0.09	***Pass***	0.06	***Pass***	0.05	***Pass***	0.09	***Pass***
11	**Dimen Stad Shrinking 80°C - 6 H**	**ISO 23999**	**Curling <= 1 mm**	0.53 / 0.32	***Pass***	0.4 / 0.37	***Pass***	0.66	***Pass***	0.33	***Pass***	0.30	***Pass***	0.98	***Pass***	0.59	***Pass***
12	**Click Tensile (Long Side)**	**ISO 16906**	**>= 110 N / 50 mm**	- / 311	***Pass***	- / 333.3	***Pass***	345	***Pass***	-	***Pass***	354	***Pass***	332.4	***Pass***	334.2	***Pass***
13	**Click Tensile (Short Side)**	**ISO 16906**	**>= 110 N / 50 mm**	143 / 285	***Pass***	120 / 274.15	***Pass***	345	***Pass***	224	***Pass***	260	***Pass***	336.65	***Pass***	219.15	***Pass***
14	**Micro Scratch**	**EN 16094**	**MSR B1 – 2**	MSR B1	***Pass***	MSR B1	***Pass***	MSR B1	***Pass***	MSR B2	***Pass***	MSR B1	***Pass***	MSR B1	***Pass***	MSR B1	***Pass***
15	**UV Scratch**	**ISO 1518**	**>= 2200 g**	2200	***Pass***	2200	***Pass***	2200	***Pass***	2200	***Pass***	2200	***Pass***	2200	***Pass***	2200	***Pass***
16	**IXPE Peeling Strength**	**ISO 16906**	**>= 4.5 – 5 N**	- / 12.7	***Pass***	- / 14.1	***Pass***	8.75	***Pass***	-	***Pass***	14.2	***Pass***	6.25	***Pass***	15.75	***Pass***
17	**Gloss Level**	**EN 16094**	**6.5 +/- 1**	- / 6.4	***Pass***	- / 6.1	***Pass***	6.6	***Pass***	-	***Pass***	6.3	***Pass***	7	***Pass***	6.3	***Pass***
18	**Click Type**	**-**	**-**	Valinge 2G	-	Valinge 2G	-	Valinge 2G	-	Valinge 2G	-	Valinge 2G	-	Valinge 2G	-	Valinge 2G	-