

Test Items	Test Method	Test Results	Test Requirements	Verdict
Slip test (Pendulum Test)	EN15534-4:2014 Section 4.4 EN15534-1:2014 Section 6.4.2 CEN/TS 15676:2007	Longitudinal direction: Mean: Dry 62 Wet: 41 Min: Dry 54 Wet: 38 Horizontal direction: Mean: Dry 62 Wet: 41 Min: Dry 54 Wet: 38	Pendulum Value ≥ 36	Pass
Flexural Properties	EN 15534-4:2014 Section 4.5.2 EN1554-1:2014 Annex A	Bending Strength: 32.2 MPa Modulus of elasticity 4193 MPa Maximum load: Mean 3988 N Min: 3926 N Deflection at 500N: Mean : 1.04 mm Max: 1.09 mm	Flexural Properties: -F' Max: Mean ≥ 3300 N Min. ≥ 3000 N -Deflection under a load of 500N Mean $\leq 2,0$ mm Max. $\leq 2,5$ mm	Pass
Moisture Resistance	EN 15534-4:2014 Section 4.5.5 EN 15534-1:2014 Section 8.3.2 EN321:2001	Original Bending Strength: 32.2 MPa After Exposure, Mean Bending Strength: 29.1 MPa Decrease 9.6 % Min Bending Strength: 28.2 MPa Decrease 12.3 %	Decrease of bending strength: Mean $\leq 20\%$ Max. $\leq 30\%$	Pass
Swelling and Water absorption (28 days immersion)	EN 15534-4:2004 Section 4.5.5 EN 15534-1:2014 Section 8.3.1 EN317:1993	Mean Swelling: 0.16% in thickness 0.04% in width 0.10% in length Max swelling: 0.27% in thickness 0.06% in width 0.10% in length Water absorption Mean: 1.09% Max: 1.10%	Means Swelling: $\leq 4\%$ in thickness $\leq 0,8\%$ in width $\leq 0,4\%$ in length Max swelling: $\leq 5\%$ in thickness $\leq 1,2\%$ in width $\leq 0,6\%$ in length Water absorption Mean $\leq 7\%$ Max. $\leq 9\%$	Pass