

Technical Data Sheet

Ecolite (ECB)

Part Number: _____

Color: _____

Texture: _____

Ecolite (ECB) was specifically engineered for those customers requiring a more cost-effective solution. Providing similar performance characteristics to our premium Enduralite rail synthetic, Ecolite also meets all of the same certification requirements for North American, European and Asian rail.

Width	54 inches (137 cm)
Composition	100% Polyurethane face / 100% Polyester knit backing
Thickness	.75 ± .1 mm BS EN ISO 2589:2016
Weight	1.08 oz. per sq.ft. / 330gm sq. meter ± 40 gm
Corrosion Resistance	ASTM D8365-20 Appearance/Corrosion severity: ≤ 2 section 9.1
Blocking	Federal Test Method STD. No. 3121.1 No damage to finish
Abrasion	ASTM D-3884 BS EN ISO 5470-1:2016 (2,500 cycles, 500 g H-18 wheels) No wear through
Crocking	ASTM D-5053 (50 cycles wet & dry) 4 or better on the AATCC grey scale for color change
Colorfastness	72 hour exposure to UV light 4 or better on the AATCC grey scale for color change
Flammability	Meets all requirements of EN 45545-2 HL3
Tear Strength	ASTM D – 4705 Minimum of 12 lbs. (5.44 kg, 53.35 N)
Flexibility	ASTM D -2097 (60,000 cycles) No cracking of finish
Color Match	Spectrophotometer measurement of DE CMC ≤ 1.0/ F02 (U35) Fluorescent light source