

Technical Specifications

Tile Information						
Concrete: average pounds per cubic foot (lb/ft ³)	144.0 lb/ft ³					
Concrete: average pounds per square foot (lb/ft ²)	6mm 1/4"	10mm 3/8"	12.5mm 1/2"	15mm 5/8"	20mm 3/4"	25mm 1"
	3.0	4.5	6.0	7.5	9.0	12.0
Tile Tolerances	Size/Rectangularity: ± 0.75mm Thickness: ± 0.5 – 1.5mm Max Curvature: ± 0.5%					
Installation	Flooring: Adhesive fix only using materials and procedures in Eco4m's technical literature. Cladding: Adhesive or mechanically fix.					
Recommended Grout Joints	Flooring: 2 mm – 5 mm (1/8" – 1/4") or minimum 0.5% of long side of tile. Cladding: As specified for installation method/materials (min 0.5%).					
Expansion Joints	As per engineer's details or maximum intervals of 6m (20') for interior and 4.5m (15') for exterior applications.					
Sealing	Apply impregnator sealer after initial clean. As surface is subject to acid aggression (ie. lemon juice, vinegar), food area tiles should be topically sealed.					
Color Fastness	Negligible change in color over 5 years.					
Warranty	Free from manufacturer defects					

Test Results		
Test Type	Result	
Compressive Strength	18,000 psi	
Flexural Strength	1,450 psi	
Freeze/Thaw	No significant change or material erosion after 25 cycles	
Smooth Tile: Wet Slip (AS/NZS 4586 - 2004)	36 BPN (X Classification)	
Abrasion Resistance (ASTM C 1353-96)	Average Abrasive Wear Index:	
Static Coefficient of Friction (ASTM C 1028-96) Smooth tile after cleaning	Test Conditions	Individual
	Dry Neolite	SCOF
	Wet Neolite	0.85
Robinson Floor Test	HEAVY COMMERCIAL Classification as per TCA installation handbook	