Isabel's Series

Physical properties	Specification
Product number	TC1818 - xxxx
Width	18 inches (457.2 mm)
Lenght	18 inches (457.2 mm)
Total thickness	2 mm
Wear layer thickness	0,30 mm
Top surface coating	UV Cured Urethane Coating with Ceramic Beard
Type of top surface	Corall
Type of bottom surface	Dry back
Tile edges	Beveled edge with L grout imitation
ft2 per unit	2.25 ft2
ft2 per box	45 ft2
Tiles per box	20 pieces
Limited warranty	
Residential	25 years
Light commercial	6 years
Technical properties	**Specification**
Percentage of virgin vinyl	100%
Percentage of recyclable materials	100%
Phthalates content	Phthalates free
Fungi resistance	ASTM G21-15 (Rating 0, None Growth)
Critical Radiant Flux	ASTM E648 (Average 0.85 W/cm2)
Residual indentation	ASTM F1914-18 (Average < 8% / Max <= 10%)
Reaction to fire - Flame spread	ASTM E648-10 (Class 1)
Reaction to fire - Smoke spread	ASTM E662-19 (<=350)
Dimensional stability and curling	ASTM F2199-18 (<=0.17%)
Flexibility	ASTM F137-08
Resistance to light	ASTM F1515-15 (Avg max $\Delta E^* < 8$)
Resistance to heat	ASTM F1515-19 (Avg max $\Delta E^* < 8$)
Chemical resistance	ASTM F925-13
Impact insulation class	ASTM E492-09 / ASTM E989-18 (IIC=59)
Sound transmission class	ASTM E90-09 / ASTM E413-16 (STC=61)
Indoor air quality	FloorScore® Certified SCS-EC10.3-2014 v4.0
Recommended Adhesives	
Concrete* and Wood substrate	MAPEI - Ultrabond Eco 360
	ARDEX - Henry 695
	ARDEX - Henry Gription

***Concrete substrate must be prepared per ASTM F710 standards including, but not limited to the following:**

Concrete floors must be dry, clean, smooth and structurally sound. They shall be free of any foreign materials that might prevent adhesive bond, including dust, dirt, solvent, paint, wax, oil, grease, residual adhesive, adhesive removers, incompatible sealers, fire-retardant chemicals, fungicides, release agents, alkaline salts, excessive carbonation, laitance, mold, mildew, and curing, sealing, hardening or parting compounds.

Fill all surface cracks, grooves, depressions, control joints and non-moving joints with moisture-resistant patching and self-leveling compounds, allow to fully cure and correct high spots before applying adhesive.

The substrate, adhesive and flooring must be acclimated in an enclosed building with the HVAC operational between 60-95°F (15-35°C), and between 30-65% relative humidity, for at least 72 hours before, during and after the installation.