CHESTNUTHILL

MINERALCORE LUXURY VINYL TILE

We pride the Trinity Surfaces **CHESTNUT**HILL collection on its ability to endure beyond the best of the best LVT out there. Using >50% limestone in the product core creates an extra rigid tile. This process makes the core more rigid, and stronger than it has ever been before.

- 100% waterproof
- Stable and resistant to high temperature variations
- Suitable for all rooms
- Installs over 6,400sq.ft without transitions
- Rigid core allows for minimized telegraphing
- Fast-and-easy to fit –no acclimation, no glue, no mess!

DIMENSIONAL STABILITY

When installed in sunny rooms with large windows, standard LVT becomes very flexible and the planks are not strong enough to push each other away. The expansion results in planks lifting up and in floor's irreversible deformation.

Meanwhile **CHESTNUT**HILL flooring is rigid even at high temperatures. When the planks expand they have enough strength to push each other away. Result is a flat floor even in high temperature conditions.

INSTALLATION OVER LARGE AREAS

Thanks to the floor's exceptional dimensional stability, it can be installed over 6400sq.ftwithout transition moldings in doorways.

RESISTANCE TO HIGH TEMPERATURES

This test measures the "memory" behavior of the product – ability to return to the original size prior to being heated up.

Test method: The planks are heated up to 176°F/80°C, after which it is cooled down for 24h to the original temperature of 74°F/23°C. The size variation is measured and compared to the original size.

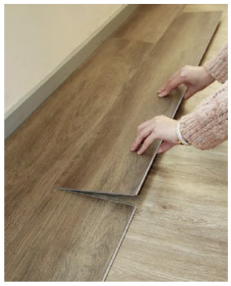
Result: **CHESTNUT**HILL is up to 2X more stable compared with standard LVT

ACOUSTIC PERFORMANCE

	THICKNESS	STC (with drop ceiling)	IIC (with drop ceiling)	DELTA IIC
CHESTNUTHILL	**5mm**	**69**	**69**	**22**
Standard Luxury Vinyl	3.5mm	62	49	-
Standard Laminate	12mm	67	64	20

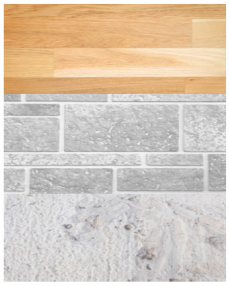
EASE OF INSTALLATION

Thanks to floors extra rigid core and convenient tap-down click system, **CHESTNUT**HILL is fast and easy to fit.



NO ACCLIMATION
required prior to installation

NO TELEGRAPHING
of small subfloor imperfections



INSTALLATION
over most hard surface subfloors

INDENTATION RESISTANCE

	REQUIREMENT	LVT	WPC	CHESTNUTHILL	RESULTS
Density	-	1900 kg/m³	1100 kg/m³	1950 kg/m³	**Up to 2X** more dense vs WPC
Indentation **ASTM F1914** the depth of the indentation compared to the thickness	<10%	7.5 %	16.5 % **FAILED**	1.5 % **PASS**	**Up to 10X** more indentation resistant vs WPC **Up to 5X** vs LVT
Static load **ASTM F970** the depth of the indentation	-	0.023 mm	0.022 mm	0.0075 mm	**Up to 3X** more resistant to heavy static loads vs both WPC and LVT
Residual indentation **NALFA LF-01-2001 (Section 3.1)** Max force (in psi*) applied when the indent reaches a depth of 0.05mm	Residential / Light Commercial: > 870 psi Commercial: > 1160 psi	800 psi	500 psi	2000 psi	**Up to 4X** more resistant vs WPC **Up to 2.5X** vs LVT

	CHESTNUTHILL	LUXURY VINYL	WPC	LAMINATE
100% waterproof	✓	✓	✓	✗
Stable to high temperature variations	✓	✗	✗	✓
Large area installation (6400sq.ft) without transitions in doorways	✓	✗	✓	✗
Extra resistant to impacts & heavy static loads	✓	✗	✗	✓
No acclimation required	✓	✗	✓	✗
No telegraphing of small subfloor imperfections	✓	✗	✓	✓
Suitable for every room	✓	✗	✗	✗
Minimum subfloor preparations	✓	✗	✓	✓
Easy and fast to install	✓	✗	✓	✗
Sound absorbent	✓	✗	✓	✗
Very low VOC emissions	✓	✓	✓	✗

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MINERALCORE LUXURY VINYL TILE

Allston

Mission Hill

Cambridge

Heath

Roxbury

Newton

Manet

Olmsted

Watertown

Beaconsfield

Bay Village

Devon

Aspinwall Hill

Edge Hill

Corey Hill

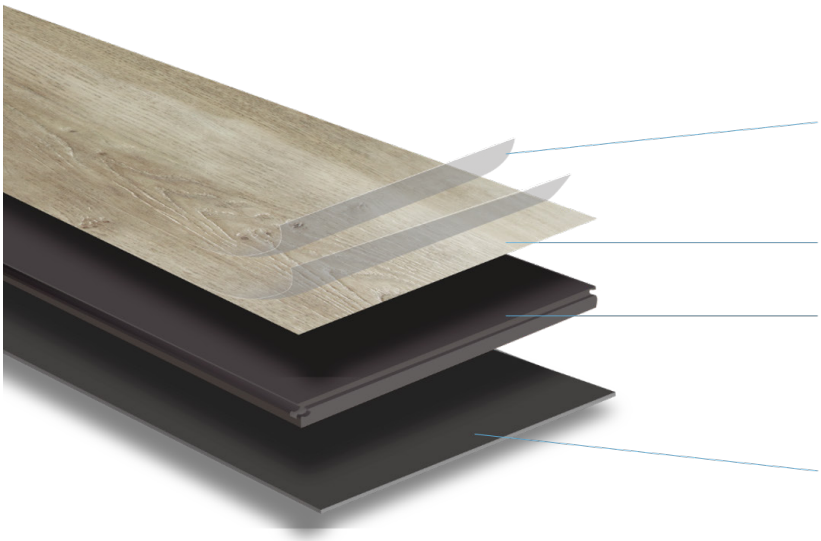
Riverway

Fisher Hill

Wellesley

Auburndale

Brighton



Multi-layer Quartz Enhanced Urethane Coating
Providing extra resistance to heavy foot traffic, scuffs and micro-scratches **(28 mil wear layer)**

High Definition Deep Structured Decorative Layer
Providing the look & feel of a premium hardwood

Solid Mineral-based Core

- Stable & rigid
- 100% waterproof
- Low VOCs
- Free of Ortho-Phthalates and other harmful chemicals

Pre-attached Sound Absorbent Backing
For extra comfort and sound absorption