

# Brampton Hills

## 4.5mm Locking/Floating Luxury Vinyl Plank

### Technical Data Sheet

## General Specifications

<b>Overall Thickness:</b>	4.5mm	<b>Residential Warranty:</b>	Lifetime
<b>Underlayment Thickness:</b>	1.0mm IXPE Foam	<b>Carton Quantity:</b>	8 Pieces (19.1 sq. ft.)
<b>Wear Layer Thickness:</b>	0.3mm (12 mil)	<b>Carton Weight:</b>	28.91 lbs.
<b>Product Type:</b>	Angle-Angle Rigid Core Click	<b>Cartons / Pallet:</b>	60
<b>Dimensions:</b>	7.17 in. x 48 in.		
<b>Finish:</b>	UV-Cured Urethane		
<b>Surface:</b>	Embossed w/ Microbevel		

## Technical Specifications

<b>Product Construction Code:</b>	MX HDC-UC 4.5mm (0.3 wl, 1.0 IXPE, ZD)
<b>ASTM F3261 - Rigid Core Specification:</b>	Class I, Type B, Backing Class B
<b>ISO 24337 - Size &amp; Squareness:</b>	Passes, $\pm 1.5$ mm size, $\pm 0.25$ mm squareness
<b>ASTM F387 - Thickness of Flooring w/ Foam Layer:</b>	Passes, $\pm 0.2$ mm
<b>ASTM F410 - Wear Layer Thickness:</b>	Passes, $< 0.5$ mm
<b>ISO 24337 - Flatness:</b>	Passes, $\pm 0.2$ mm width, $< 0.2\%$ length
<b>ISO 24337 - Joint Opening:</b>	Passes, $\leq 0.2$ mm
<b>ISO 24337 - Joint Ledging:</b>	Passes, $\leq 0.15$ mm
<b>ASTM F1914 - Residual Indentation:</b>	Passes, $\leq 0.18$ mm
<b>ASTM F1914 - Surface Integrity:</b>	Passes, no puncture
<b>ISO 23999 - Dimensional Stability:</b>	Passes, $\leq 0.2\%$ / lin. ft.
<b>ISO 23999 - Curl:</b>	Passes, $\leq 2$ mm
<b>ASTM F925 - Chemical Resistance:</b>	Passes ASTM F3621 requirements
<b>ASTM F1514 - Resistance to Heat:</b>	Passes, $< \Delta E 8$
<b>ASTM F1515 - Resistance to Light:</b>	Passes, $< \Delta E 8$
<b>NALFA LF01 Section 3.2 - Thickness Swell:</b>	Passes, $\leq 5\%$
<b>ASTM F970 - Static Load:</b>	Passes, $\leq 0.13$ mm indent, 250 lbs.
<b>ASTM E648 (NFPA 253) - Critical Radiant Flux:</b>	Class 1, $> 0.45$ W/cm <sup>2</sup>
<b>ASTM E662 (NFPA 258) - Smoke Density:</b>	Passes, $< 450$
<b>ASTM D2047 / UL 410 - Slip Resistance:</b>	$> 0.5$ SCOF (no ramps)
<b>ASTM E492 / E989 - Impact Insulation Class:</b>	IIC 56*
<b>ASTM E90 / E413 - Sound Transmission Class:</b>	STC 51*
<b>ASTM E2179 - Delta Impact Insulation Class:</b>	$\Delta$ IIC 23*

*\*6 in. concrete, no drop ceiling*

**Disclaimer:** These test results were independently tested, using material from standard production, in accordance with product-specific standard test methods. Physical and performance testing may vary, within tolerances, depending on the testing apparatus and/or production lot used. Be sure to use the most recently published versions of all reference documents, specifications and test methods. To purchase the most recent version of the above mentioned ASTM and ISO standards, please visit [www.astm.org](http://www.astm.org). or [www.iso.org](http://www.iso.org), respectively. Test reports are available upon request.