



TERRA FLOORING

[www.terra-flooring.com](http://www.terra-flooring.com)

Terra Rigid Core  
**CALLAGHAN**

**BOLD.  
TOUGH.  
ENDURING.**

Live and thrive on luxury floors inspired by the earth.

# TERRA RIGID CORE - CALLAGHAN

## Colours



CAL - 501



CAL - 502



CAL - 503



CAL - 504



CAL - 505



CAL - 506



CAL - 507



CAL - 508



The perfect combination of luxury and durability,  
**Terra Rigid Core** is the vinyl flooring with a rigid center  
that provides both toughness and style.



## Terra Shield

Experience a cleaner and healthier living or work space with Terra Shield's advanced antibacterial technology seamlessly integrated into the surface wear layer. Our impenetrable layer of product protection inhibits the growth and multiplication of microorganisms, providing long-term protection against odors, stains, and degradation. Terra Shield keeps your floors clean and fresh without compromising their aesthetics.



TERRA SHIELD



## DiamondX

DiamondX technology harnesses the power of cultured diamonds to provide unparalleled protection against scratches, stains, and dents in LVT finishes. The secret lies in the tiny DiamondX particles embedded in the wear layer, creating a surface that's durable, clean, and resistant to heavy foot traffic. Enjoy the perfect blend of aesthetics and durability with DiamondX finish, the ultimate choice for any space.

Diamond X   
Protection



## Product Structure

TERRA RIGID CORE



**Double Layer UV Finish**  
Fade, Stain and Scratch  
Resistance, Easy to clean

**Wear Layer**  
Wear Layer Protection

**Decorative Film**  
HD Print, Creative and Individual Design

**Rigid Core Layer**  
High calcium carbonate content,  
extremely rigid and stable

**Underlayment**  
Advanced sound absorption,  
mildew resistance, absorbs  
subfloor imperfections

Diamond X  
Protection 

  
TERRA  
FLOORING

# Specifications

## Terra Rigid Core

<b>Description</b>	<b>Callaghan</b>
<b>Wear Layer Protection</b>	Diamond X
<b>Anti-Bacterial</b>	Terra Shield
<b>Total Thickness</b>	5 mm (4 mm Core + 1 mm IXPE)
<b>Wear Layer Thickness</b>	0.55 mm
<b>Plank Size</b>	1220 mm x 180 mm
<b>Emboss Type</b>	True Random
<b>Bevel</b>	Micro
<b>Locking System</b>	Uniclic®
<b>Packaging</b>	10 Planks = 2.196m <sup>2</sup> / Carton
<b>Weight Per Sqm</b>	9.82 kg/m <sup>2</sup>
<b>Warranty</b>	15 Years Commercial, 25 Years Residential



## Performance

<b>Reaction to Fire</b>	EN 13501-1	Bfl-S1
<b>Slip Resistance (Dry)</b>	EN 13893	DS
<b>Slip Resistance (Wet)</b>	DIN 51130	R10
<b>Thermal Conductivity &amp; Resistance</b>	EN 12667	0.030 (m2.K)W
<b>Electrostatic Performance</b>	EN 14041	< 2 kV - Pass
<b>Residual Indentation</b>	EN ISO 24343-1	≤ 0.15 mm
<b>Dimensional Stability</b>	ASTM 2199-09	≤ 0.15%
<b>Curling</b>	ASTM 2199-09	Pass
<b>Colour Fastness to Light</b>	ASTM F1515	Pass
<b>Impact Sound Insulation</b>	ASTM E492-09	IIC 72
<b>Chemical / Stain Resistance</b>	ASTM F925-13	Pass
<b>Abrasion Resistance</b>	ASTM D4060-14	Abrasion Index: 21.6
<b>Indoor AIR Quality</b>	EN ISO 10580 / ASTM D5116-10	Exceeds Requirement / Floor Score
<b>Emission VOC</b>	ISO 16000	A+
<b>Formaldehyde Emissions (28 Days Test)</b>	EN 14041	E1
<b>CE Marking / Classification</b>	EN 14041:2011	Yes
<b>Phthalate Free</b>		Yes



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