

Aurdacity[®]

The Fearless Waterproof Hybrid Rigid Core



100%
Water Proof



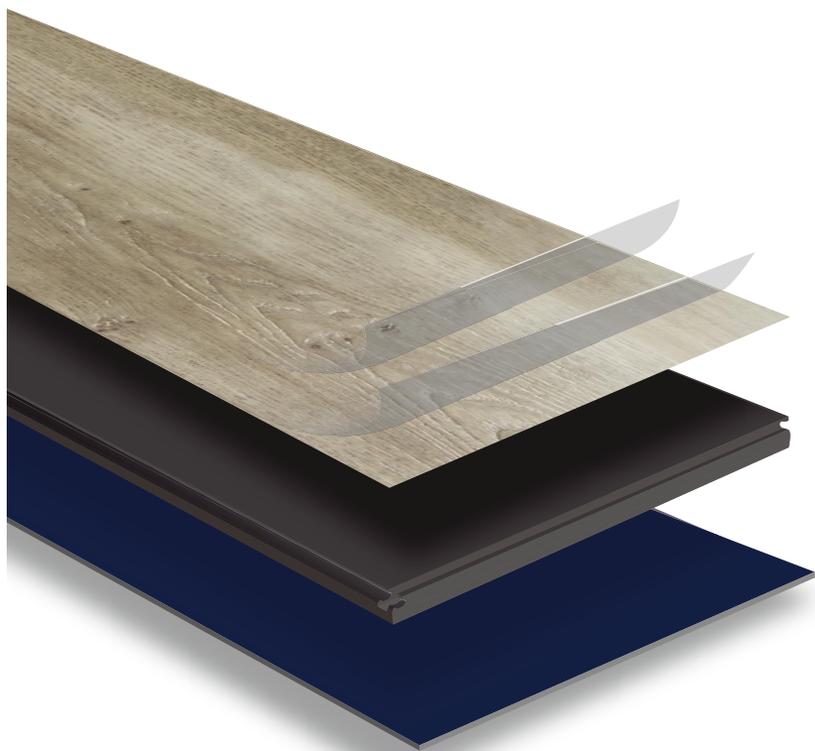
Audacity®

The Fearless Waterproof Hybrid Rigid Core

Audacity Waterproof Hybrid Rigid Core Flooring is a rigid high density hybrid core, which is ultra stable, 100% waterproof and has incredible wood looks!

- **100% waterproof**
- **Outstanding dimensional stability** and resistance to heat and sunlight.
- **Seamless installation** over large areas – 400m2 and no transition in doorways
- **Suitable for every room** of your home, including kitchen, bathroom & laundry
- Extra impact resistant and dent proof
- **Easy-to-install** over most hard surface subfloors
- **No acclimation needed**
- **Wet and steam moppable** for a worry-free maintenance





CONSTRUCTION



Multi-layer Urethane Wear Layer

Providing protection against wear, scuffs and stains



High-definition Design Layer

For realistic wood look & feel

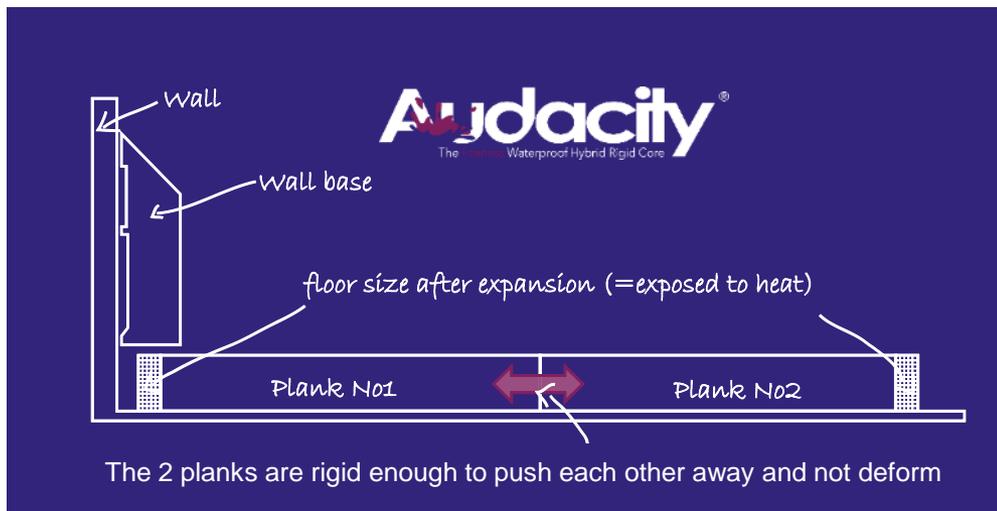
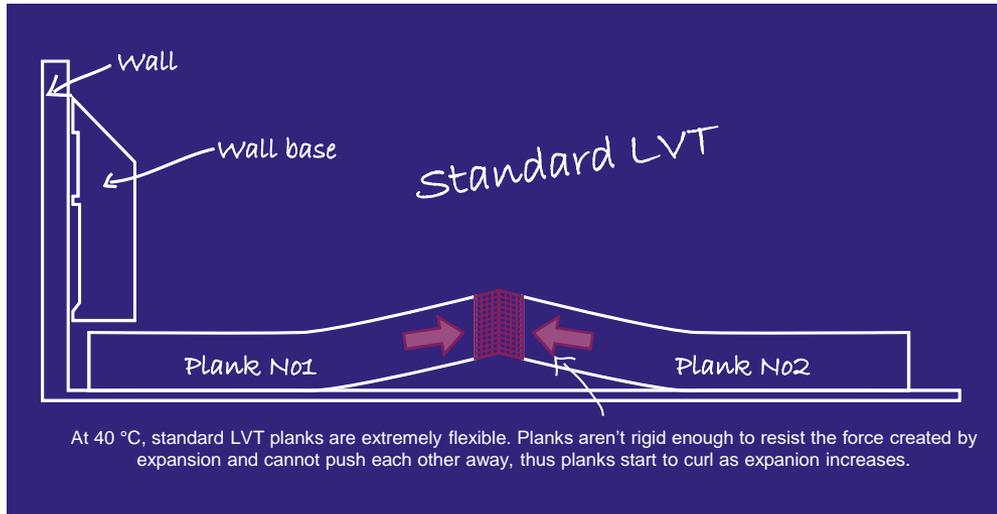


High-density Rigid Core



Acoustic Pad

Provides additional comfort and sound absorption

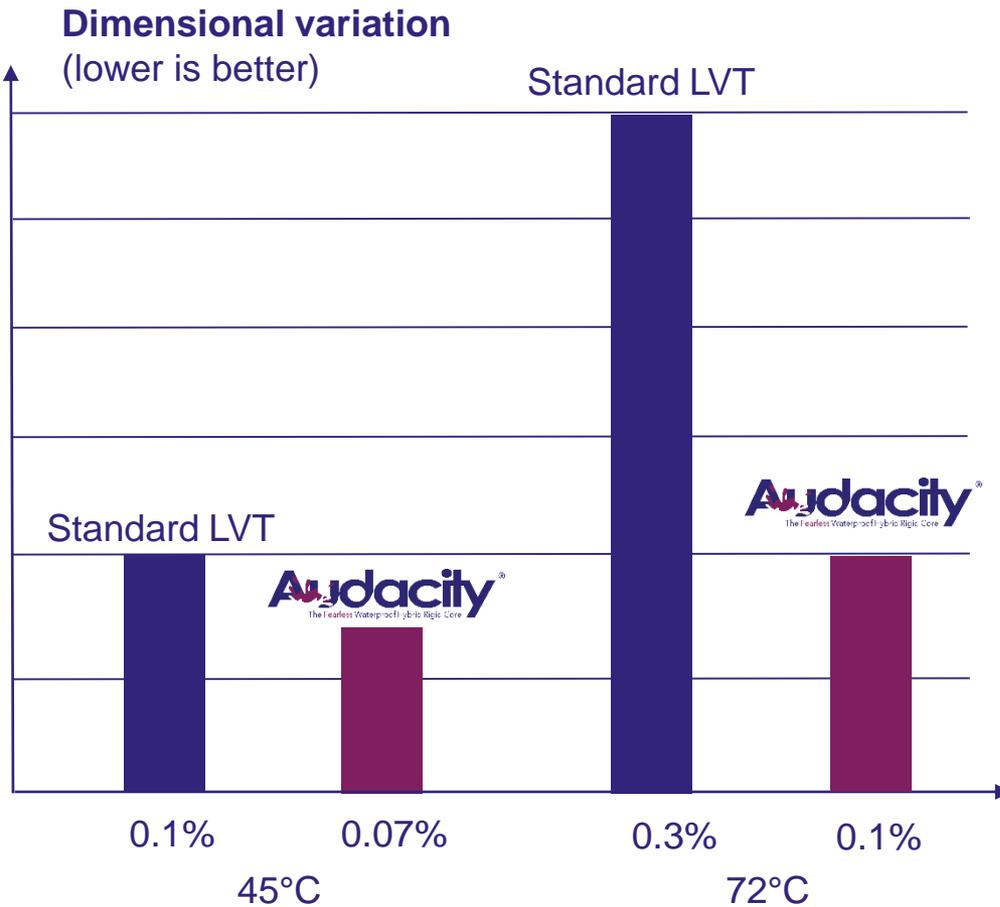


Audacity, Fearless of Heat

When exposed to high temperatures regular LVT or WPC products become too flexible and planks do not have enough strength to push each other away, which leads to cupping...

Meanwhile, Audacity Hybrid Rigid Core Flooring remains rigid even at high temperatures, and planks are strong enough to push each other away without deformation!

Result is a flat floor no matter what!



HIGH TEMPERATURES DIRECT SUNLIGHT

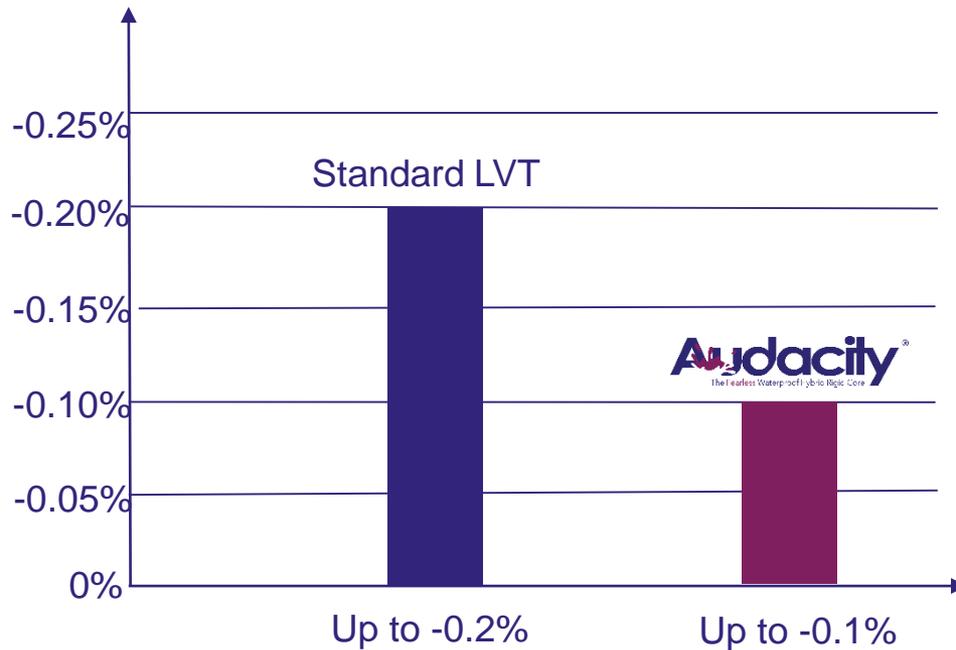
Test method:

The samples are placed in an oven for 6 hours at different temperatures. After 6 hours the samples size variations are measured. The value shown in the graph is the difference in percentage of the original size versus the size after 6 hours in an oven.

Results:

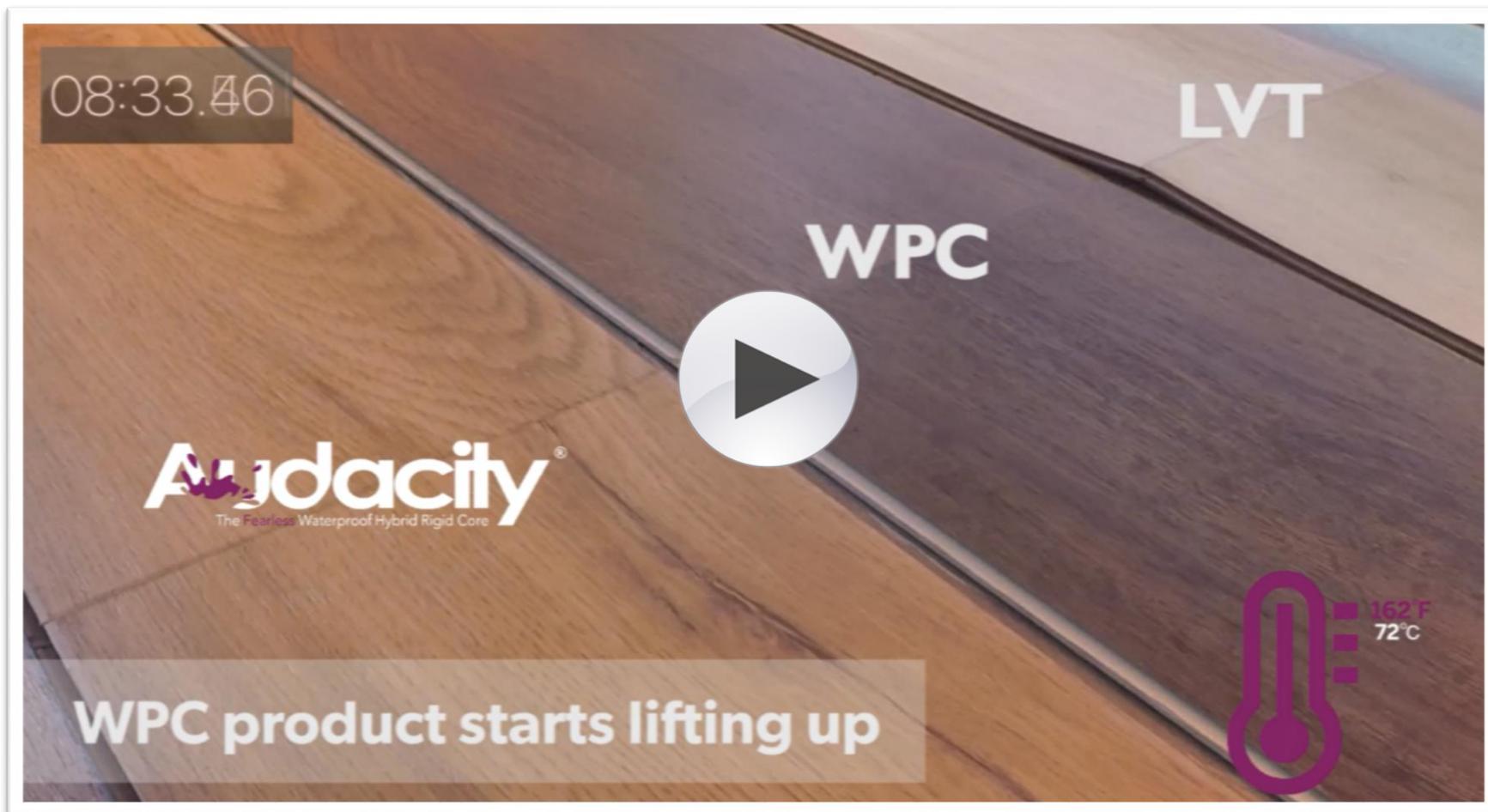
At low temperatures both products perform similarly well, however when exposed to higher temperatures, Audacity Hybrid Rigid Core Flooring is up to 2x more stable than regular LVT.

80°C Test - ISO 23999 / ASTM F 2199
(lower is better)



**2x more
STABLE
vs LVT**

This test measures the "memory" behavior of the product. The plank is heated up to 80°C, after which it is cooled down for 24h to the original temperature of 23°C. The size variation is measured and compared to the original size.



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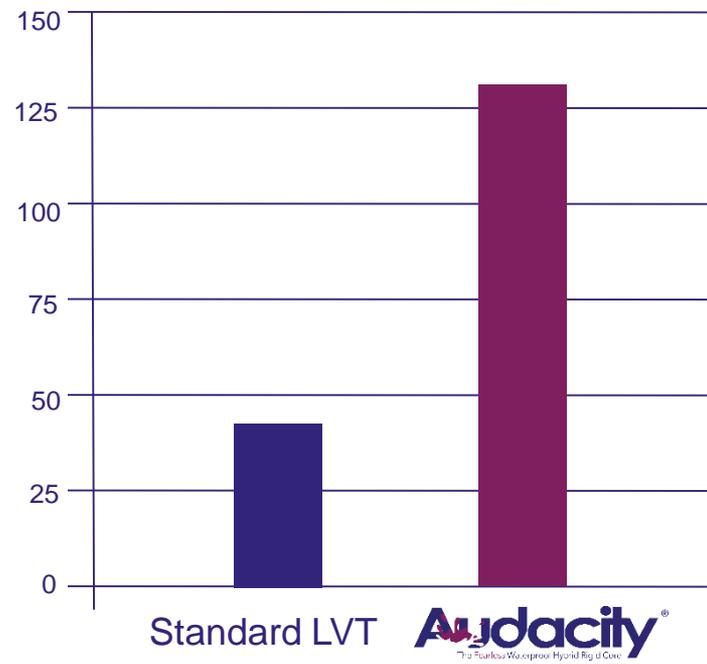
3x more RIGID vs LVT



Why does rigidity matter?

Well, the more rigid your flooring is, the less likely you'll have problems with telegraphing, and less time you'll have to spend on preparing the subfloor!

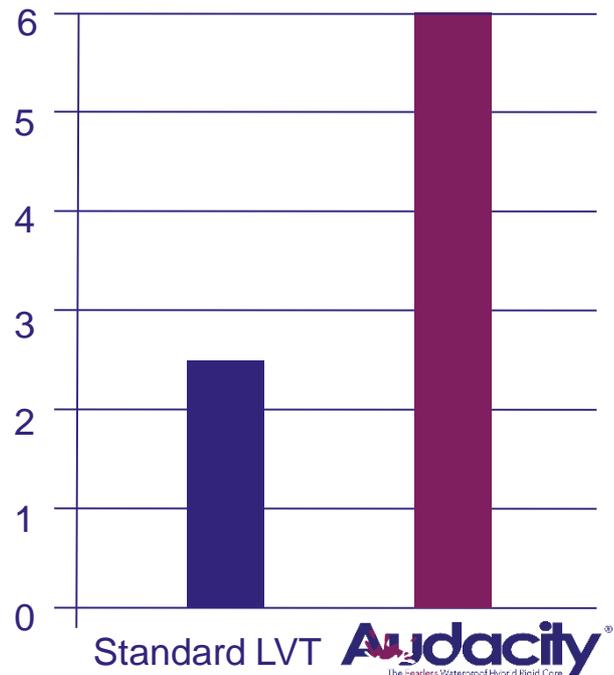
Rigidity Newton

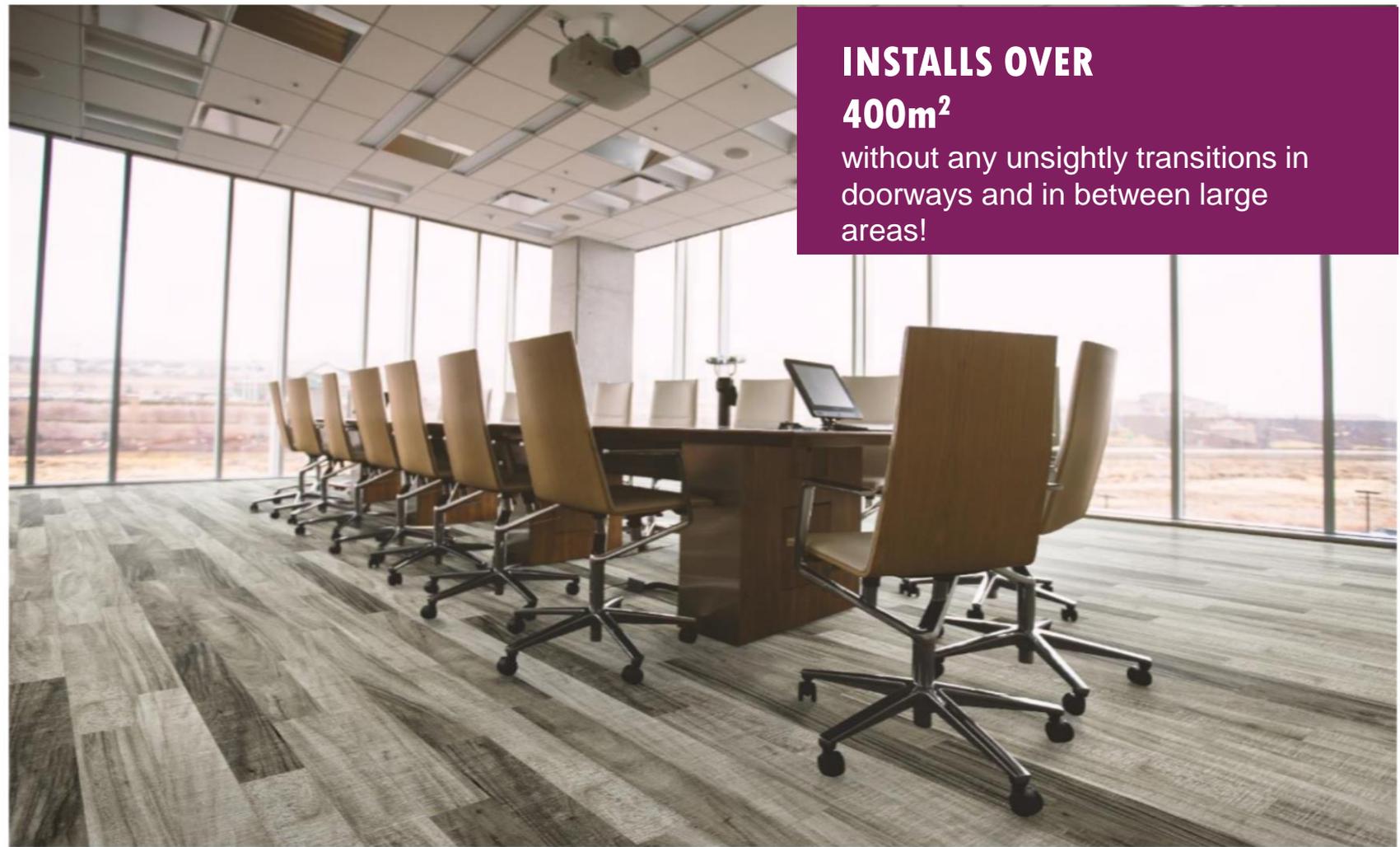


2x stronger CLICK than LVT

With regular temperature changes our floors are constantly expanding and shrinking. After a few of such cycles, the pressure from those variations on the click system becomes very high, and it is common for gaps to appear between planks after just 2-3 years, because the click is too weak to withstand the pressure. Thanks to Audacity Hybrid Rigid Core Flooring's extra strong click there will be no gaps between planks, even after years of use.

Click Strength
kN/m





INSTALLS OVER

400m²

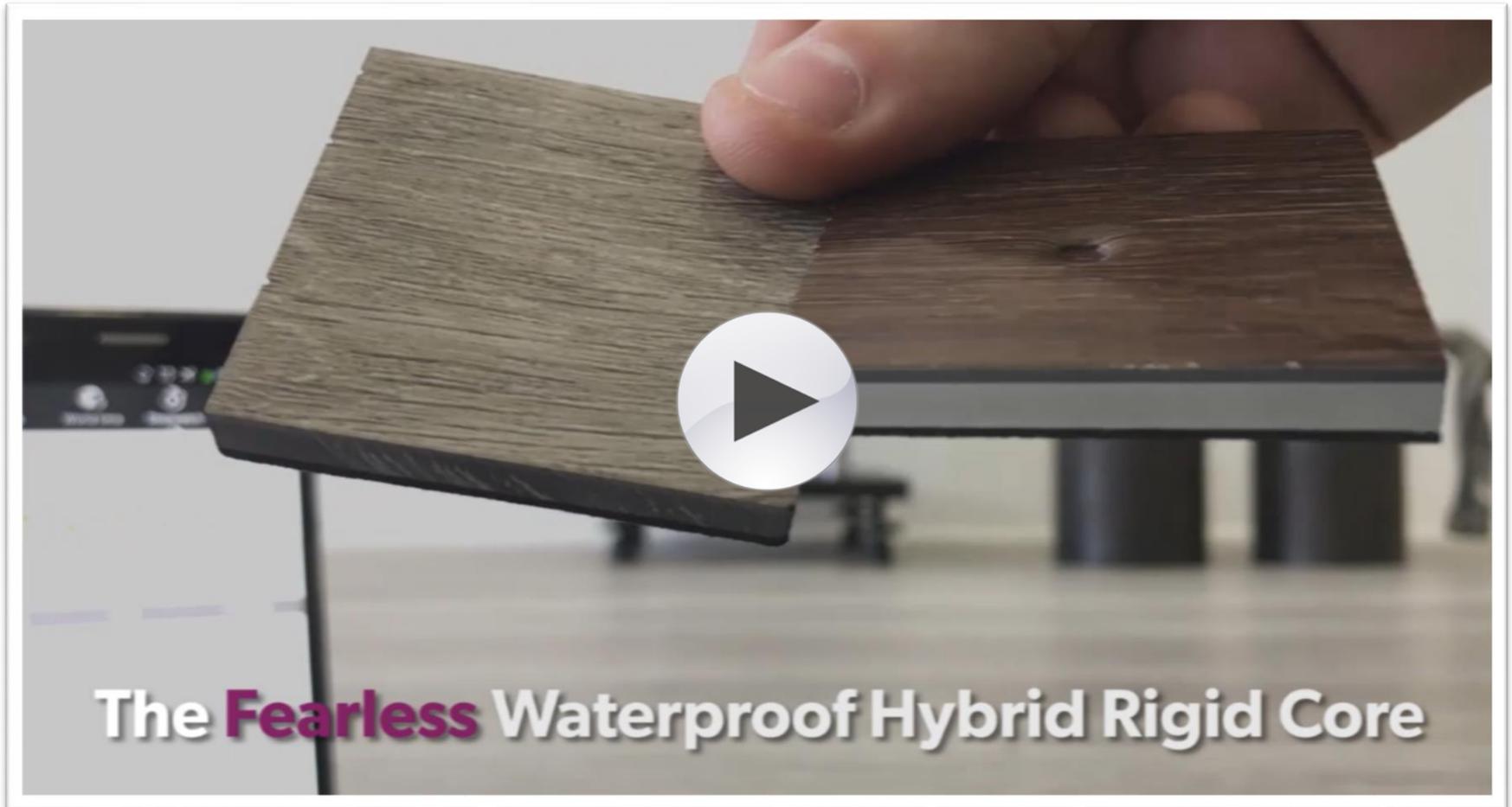
without any unsightly transitions in doorways and in between large areas!



10x MORE Impact Resistant than WPC

Unlike regular WPC flooring that has a low density and open cell core, Audacity Hybrid Rigid Core Flooring features an extra dense core with closed cells. The flooring is extra resistant to indents & impact.

	Requirement	LVT	WPC	Audacity® <small>The Fearless Waterproof Hybrid Rigid Core</small>	Result
Density	-	1900 kg/m ³	1100 kg/m ³	1950 kg/m ³	Up to 2x more dense vs WPC
Indentation ATSM F1914, depth of indentation compared to 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, depth of 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

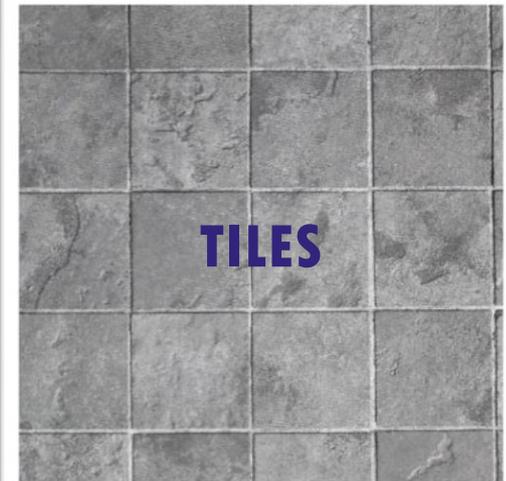
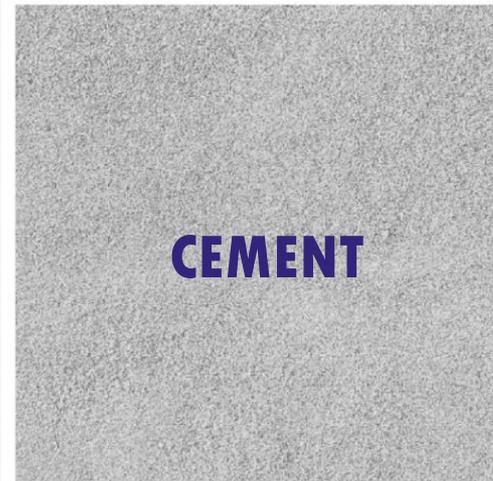
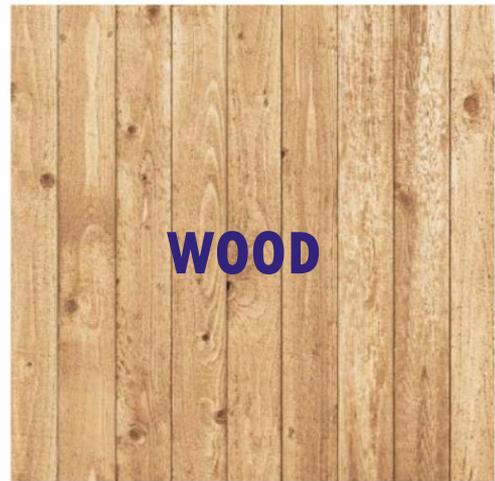


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- ◆ **No Acclimation**
required prior to the installation
- ◆ **No Telegraphing**
of small subfloor imperfections

- ◆ **Fast & Easy to Install**
with a convenient tap-down lock
- ◆ **Min Subfloor Preparations**
thanks to the floor's rigid core

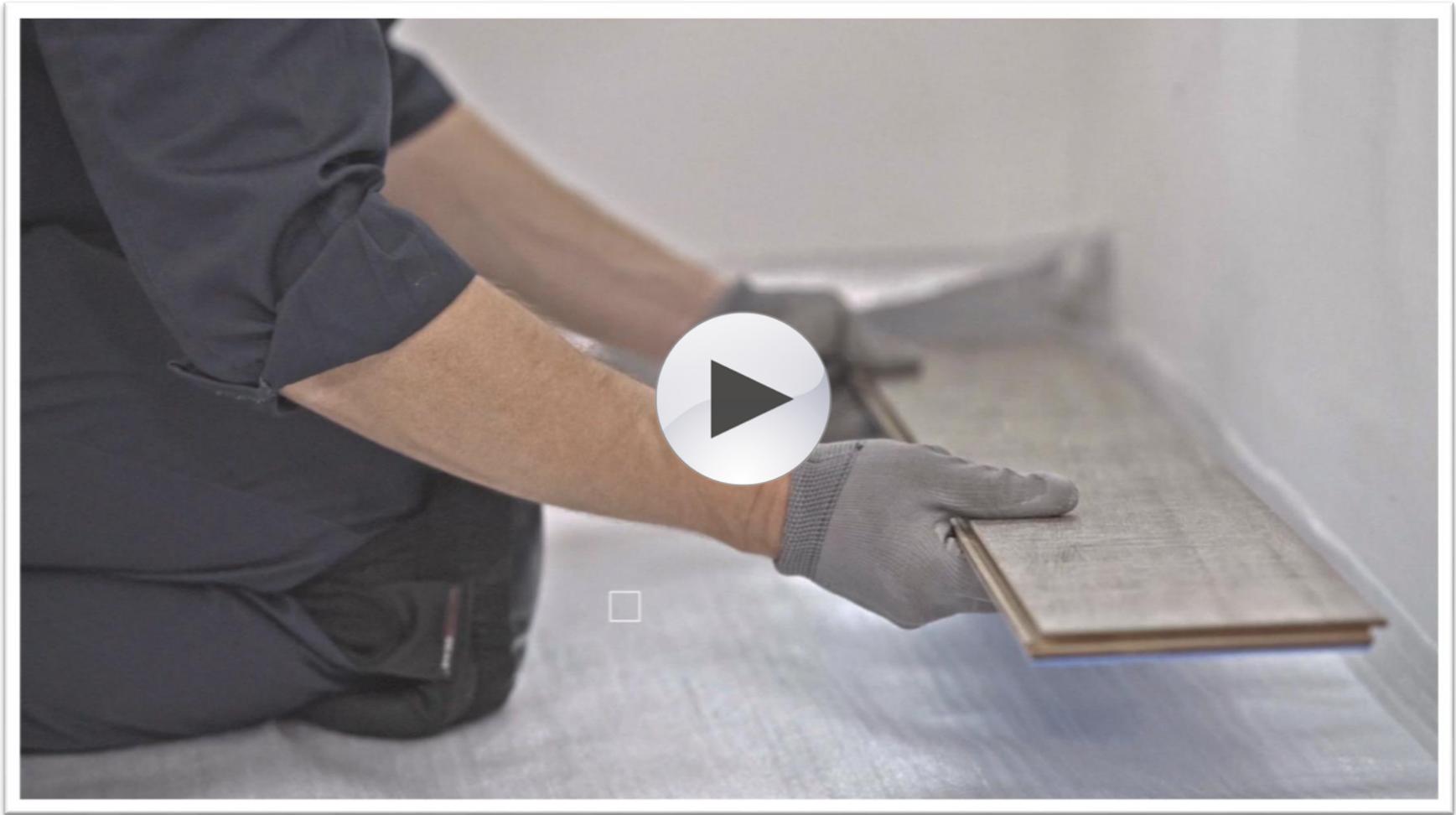


Install over most existing subfloor!



- ◆ Suitable for every room, including living rooms, kitchens, bedrooms & bathrooms
- ◆ Can be installed over water based and embedded electric underfloor heating*.

*Follow the instruction of the Installation Manual



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SAFE & SUSTAINABLE

We test our products at both our own and independent certified labs on a regular basis, making sure our products meet the requirements of the most rigorous tests and are good for both you and the environment.



by  SCS certified.



		Audacity® The Fearless Waterproof Hybrid Rigid Core	Luxury Vinyl	WPC	Laminate
1	100% waterproof	✓	✓	✓	X
2	Stable to high temperature variations	✓	X	X	✓
3	Stable to direct sunlight	✓	X	X	✓
4	Large area installation (up to 400m ²) without transitions in doorways	✓	X	✓	X
5	Extra resistant to impacts & heavy static loads	✓	X	X	✓
6	No acclimation required	✓	X	✓	X
7	No telegraphing of small subfloor imperfections	✓	X	✓	✓
8	Suitable for every room	✓	X	X	X
9	Minimum subfloor preparations	✓	X	✓	✓
10	Easy and fast to install	✓	X	✓	X
11	Sound absorbent	✓	X	✓	X
12	Floorscore Certified	✓	X	X	X
TOTAL SCORE:		12 / 12	1 / 12	7 / 12	5 / 12

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