

Product Presentation

2tec2[®]
high tech flooring

01



2tec2 Woven Vinyl High Performance Flooring

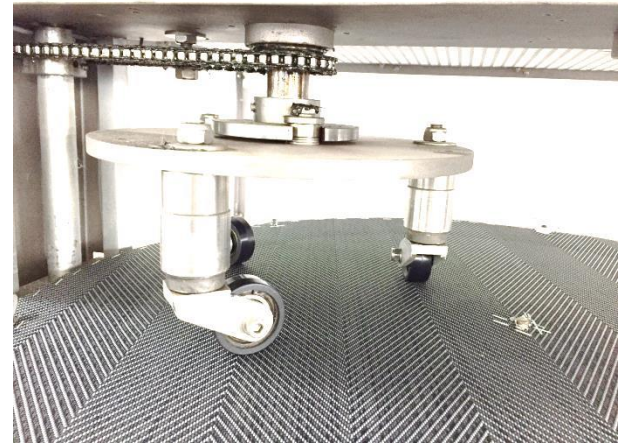
- Functional hybrid flooring combines characteristics of both carpet and hard surface flooring
- Rolls are seamless / seamless tile collection create a monolithic installation
- Excellent acoustical properties and under foot comfort
- Stain resistant, waterproof and easy to clean
- Unlimited design flexibility

02

Characteristics of both carpet and hard surface flooring

Characteristics of a traditional flat weave product but made out of the raw materials of a hard surface flooring.

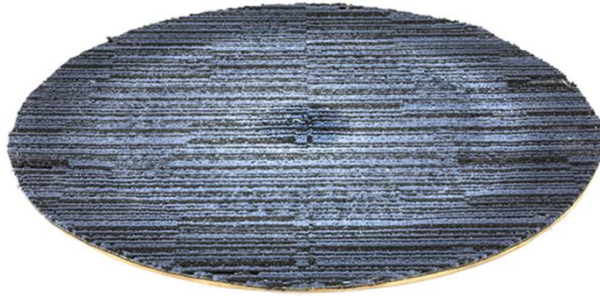
2tec2 flooring achieves the highest level of durability, class 33, for wear resistance of textile floor covering.



2TEC2 OUTPERFORMS NYLON CARPET TILES WHEN IT COMES TO CASTOR CHAIR TEST → WORKSPACE / CORPERATE



2tec2



Belgian brand



US brand

03

Rolls are seamless / seamless tile collection

2tec2 is proud to have the only true seamless tiles in woven vinyl. It makes 2tec2 a unique product with endless possibilities.

Seamless tiles allow you to create a unique broadloom look.



04

Excellent acoustical properties and under foot comfort

2tec2 Comfort Backing is all the good of 2tec2 combined with an acoustic felt backing.

150%
more sound
absorption

ACOUSTIC

Improved impact sound reduction

Improved sound absorption

Elevated walking noise reduction

TECHNICAL PERFORMANCE

Castor chair test: maximum score

Improved heat insulation

ERGONOMICS

Added walking comfort

No additional underlay required

ECOLOGY

10% total recycled content

Reduced carbon footprint

0,15

α_w

SOUND ABSORPTION

19dB

ΔL_w

IMPACT SOUND REDUCTION

70%

WALKING NOISE REDUCTION

2TEC2 WITH COMFORT BACKING

2tec2 woven layer

PVC layer

Glass fiber layer

PVC layer

New additional acoustic layer

IIC: 54 dB
 Δ IIC: 23dB

Old PVC Backing

Weight 4000 g/m² {118.0 oz/yd²}

Thickness: 3,3 mm {0.13 "}

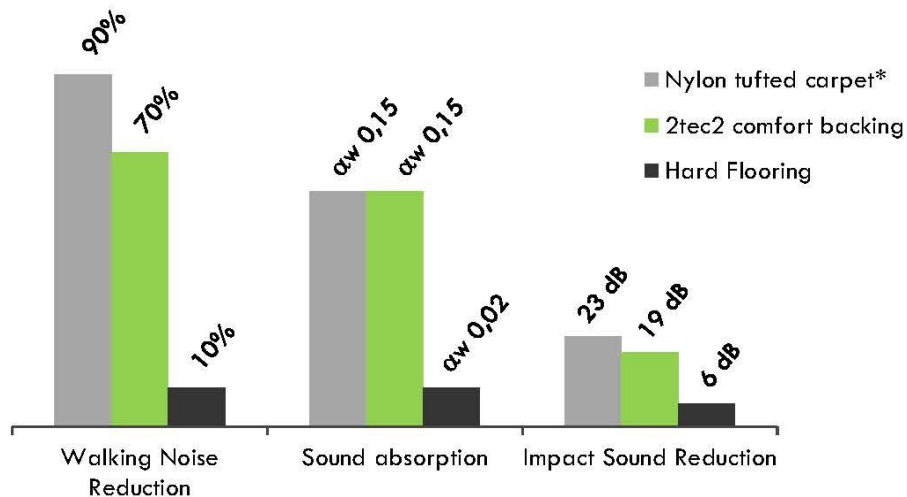
New Comfort Backing

Weight: 3000 g/m² {105.8 oz/yd²}

Thickness: 5,0 mm {0.20 "}

ACOUSTICS

Innovation: Comfort Backing. 2tec2 is an excellent hybrid flooring. All the advantages of a woven vinyl flooring – cleaning, hygiene, durability & aesthetics – are now available with excellent acoustic properties. **You want proof:** this comparison chart illustrates the acoustic properties of various flooring options.



Brussels Expo
Interior Designer: Samia Bessalah
Location: Brussels, Belgium
Area: 7.000 sq.m.
2tec2: Diamond Tiles

Conclusion: The acoustic properties of 2tec2 are far better than hard flooring and within the same range of most textile carpet tiles.

Comparison PVC vs. Comfort Backing

	PVC Backing	Comfort Backing
Backing Composition	Vinyl	Vinyl + Felt (10% recycled content)
Total Thickness	0,10" - 0,13"	0,20"
Total Weight	64,9 - 118,0 oz/yd ²	88,5 oz/yd ²
Impact Sound Reduction	12 - 14 dB	19 dB
Acoustical Absorption	$\alpha_w = 0,05$	$\alpha_w = 0,15$
Walking Noise Reduction	SL80	SL70

Recommended Adhesives

Rolls (CB)	Tiles (CB)
Uzin KE 2000S	Uzin U 2100
Mapei Ultrabond ECO V4 SP	Mapei Ultrabond Eco Fix
Mapei Ultrabond ECO 560	Mapei Ultrabond ECO 810*
Mapei Ultrabond ECO 360	Thomsit K145
Fball Styccobond F48 Plus	Bostik Adhesitech
Bostik Power Elastic	
Thomsit K188E	

* Adhesive applicable on subfloors having max. 90% relative humidity

05

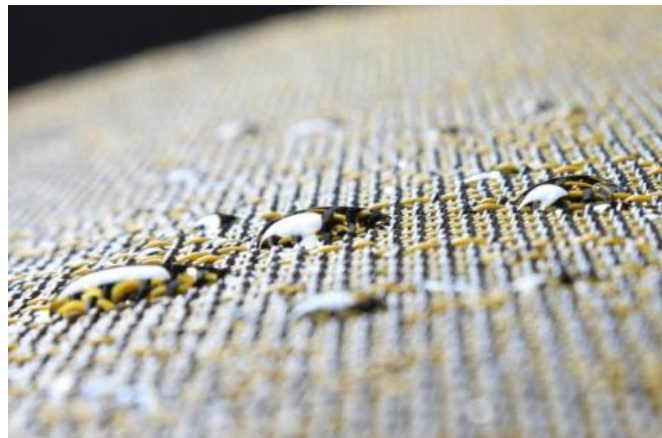
Stain resistant, waterproof and easy to clean

One of the strongest points of 2tec2 flooring is it's ability to clean.

The woven structure makes that dust is being captured which leads to a remarkably **better indoor air quality**.

The vinyl yarns make that dust and dirt is not being absorbed and results in **easy and simple cleaning**.

2tec2 is **100% waterproof**, no water penetration thanks to a compact vinyl backing that is non-absorbent.



06

Unlimited design flexibility

2tec2 provides innovation into today's commercial flooring.

2tec2 brings standard 5 new shapes on the market.

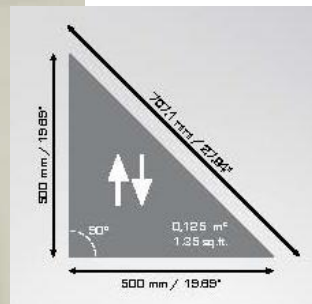


TRIANGLE

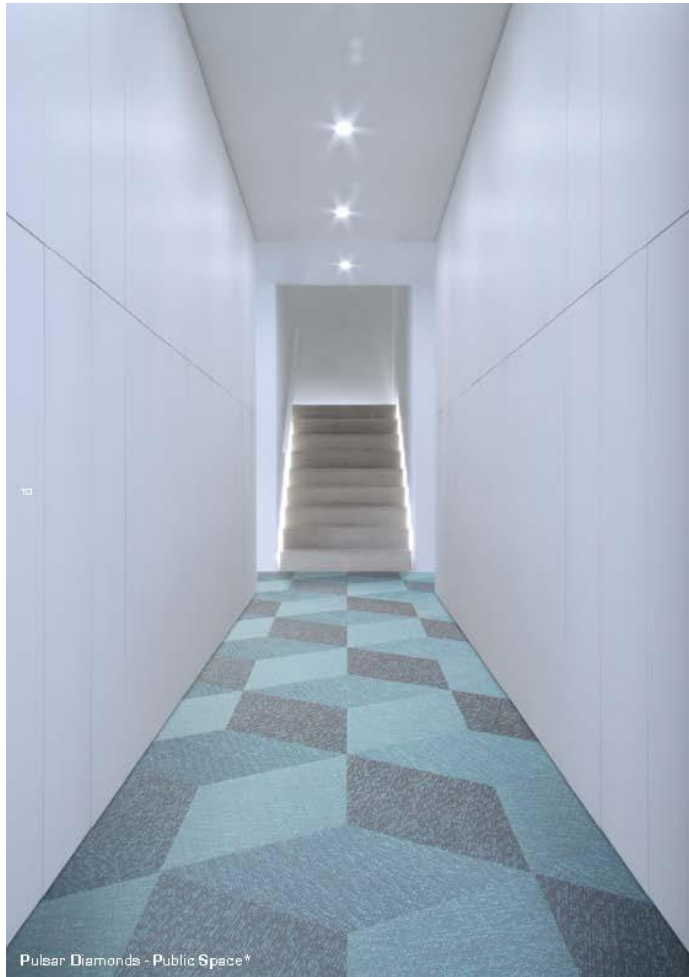


Installation: ↑ + ↑ = Same tone

↑ + ↓ = Different tone



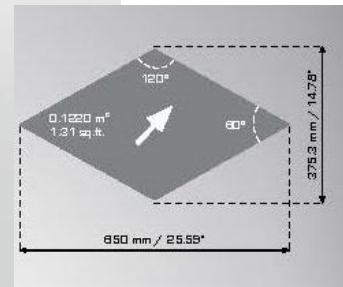
Coffee Bean, Juno & Orion Triangles - Office



10

Pulsar Diamonds - Public Space*

DIAMOND



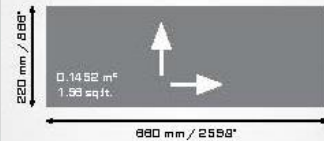
11

*Achieved with one colour installed in 3 different directions. The 3 tones are the result of the directional shade variations which is a characteristic of 2tec2.

PLANK



* Herringbone pattern is achieved with A & B planks

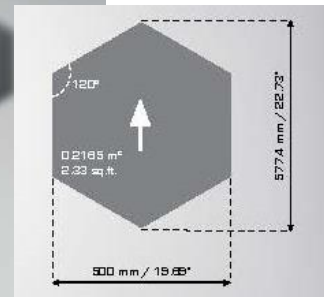
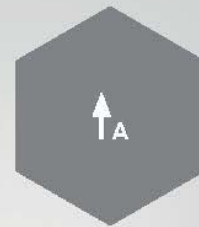


Flint Planks - Office*



Eclipse Hexagons - Office

HEXAGON



*Achieved with one colour installed in 3 different directions. The 3 tones are the result of the directional shade variations which is a characteristic of 2TEC2.

MINI SQUARE



Juno, Orion & Nebula Mini Squares - Office

26

CREATE IMPACT WITH YOUR OWN SHAPE.

Designer Constance Guisset created a breathtaking scenography with her own shape "Flow" at Musée des Arts Décoratifs in Paris during the retrospective "Constance Guisset Studio, Actio I".

27

Thank you