

Tapiflex Laser 4



COMPACT ACOUSTIC FLOORCOVERING

VINYL

- > Decorative colours with striking design effects
- > Unequalled indentation resistance (0.05 mm)
- > Very high resistance to wear and tear
- > Easy, low cost-maintenance: no wax-no polish for life
- > TX Stairs: coordinated stairs available

Tapiflex Laser 4



A compact acoustic flooring revolution

Tapiflex Laser 4 has been developed for all heavy traffic commercial areas such as hospitals, schools, shops and offices.

It offers the compact acoustic market's best indentation resistance, with the same properties as homogeneous flooring. This unique innovation will change the whole concept of acoustic flooring and the performance we can expect from it.

The spirit of colour and material

The design expression in TX Laser 4 is based on an understanding of colour and interpretations of materials. Extraordinary depth of pattern and exciting 3D effects for the inlaid patterns are just two of the features that make this range a modern and popular choice. You can choose either contemporary (Composite) or timeless (Sideral) colours to create the precise interior decoration ambience you want.

The feeling in our contemporary colour collection is that every new day will unveil great opportunities. Inspired by modern art, fashion and the digital revolution, we have created a design range that looks forward with a happy smile on its face.

Our classic colours collection is founded on basic values like harmony and naturalness and reflects a desire for warm and safe ambiances in everyday life. The beauty of the timeless classics is always appreciated, and will never go out of style.

Best performance and low maintenance


The Tapiflex Laser 4 flooring solution is the very best choice from both the functional and economic points of view. **The reinforced construction, based on unique Tarkett technology, gives the same resistance to indentation as that of a homogeneous vinyl flooring (0.05 mm).** The secret is the high quality of the structure: the solid homogeneous calendered sheet, glass fibre non-woven layer and new generation polymeric coating are combined to form a stronger core that gives very high resistance to indentation by distributing it over a larger area, which also prevents surface damage when furniture is moved on the floor. The TX Laser 4 construction also assists the movement of wheeled items such as hospital beds and trolleys. The high-density foam backing with closed cells gives **good acoustic properties (14 dB).**

The TX Laser 4 range


Composite

The Composite design is inspired by synthetic materials, with the focus on colour and plasticity. The striking pattern in airy colours will create a daring sophistication that can be a great complement to many interior decorations.




 3624 001




 3624 002




 3624 003




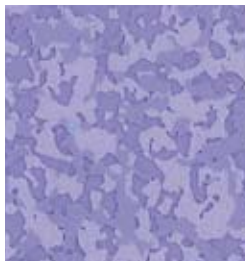
 3624 004




 3624 005




 3624 006




 3624 007




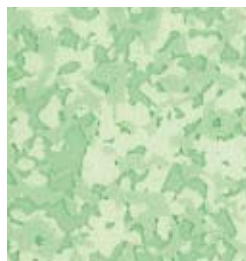
 3624 008




 3624 009



 3624 010



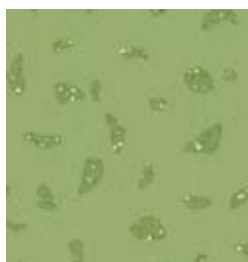
 3624 011


Due to printing technology limitations, colours may differ slightly from reality.




Sideral

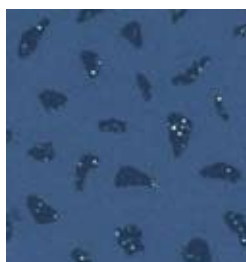
The Sideral design represent a 3D effect based on colour, transparency and metal powder. It is inspired by the starry sky and creates a characteristic atmosphere in all commercial environments.




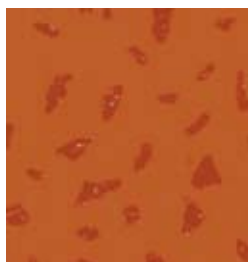
 3622 001




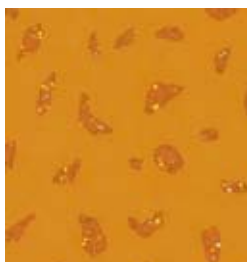
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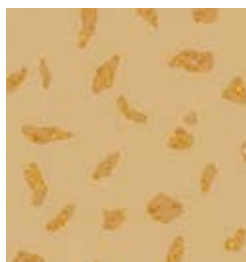
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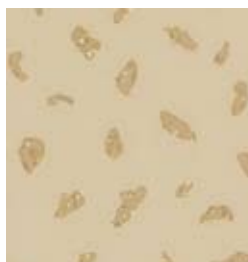
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 3622 005




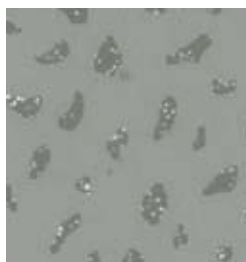
 3622 006




 3622 007



 3622 008



 3624 009



TX Stairs



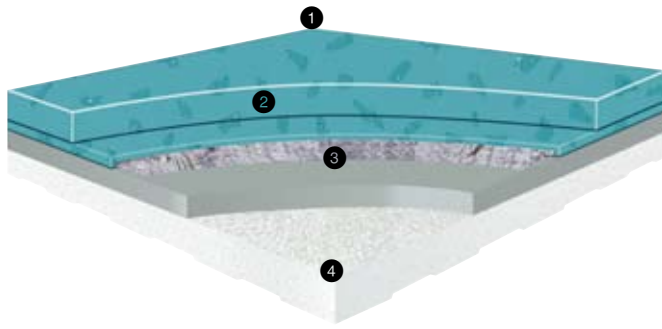
An exceptional range of stairs

- **Wide range of stair designs ready to lay:** 14 colours created to co-ordinate with the TAPIFLEX range.
- **Concern for safety:** specially designed ridges to increase slip resistance.
- **Elastic foam backing** to cushion impact in the event of falling.
- **Outstanding resistance to abrasion:** abrasion-resistant solid surface 1 mm thick in pure PVC.
- **Acoustic comfort:** foam backing to reduce noise.

NCS CODES AND WELDING RODS		
Réf.	NCS number	Welding rods
Sideral		
3622 001	S 2030 G30Y	1287 015
3622 002	S 3030 B30G	1288 306
3622 003	S 5030 R80B	1291 921
3622 004	S 3060 Y70R	1287 016
3622 005	S 2060 Y20R	1287 014
3622 006	S 2030 Y20R	1291 205
3622 007	S 2010 Y30R	1294 209
3622 008	S 2005 R80B	1291 811
3622 009	S 4005 R80B	1291 355
Composite		
3624 001	S 5502 B	1288 349
3624 002	S 4502 B	1292 105
3624 003	S 3005 Y20R	1287 178
3624 004	S 2010 Y20R	1292 465
3624 005	S 1040 Y10R	1287 179
3624 006	S 1060 Y60R	1287 158
3624 007	S 2040 R60B	1287 115
3624 008	S 2050 R80B	1288 362
3624 009	S 1040 R90B	1287 163
3624 010	S 1050B	1287 144
3624 011	S 0540 G20Y	1287 180



The Tapiflex Laser 4 construction



- ❶ PUR-reinforcement: resistance to abrasion and easy maintenance (no wax-no polish)
- ❷ Pure PVC wear-layer with inlaid 3D pattern: gives very high wear resistance
- ❸ Glass fibre non-woven reinforcement + polymeric coating + solid homogeneous calendered sheet for high dimensional stability, and excellent resistance to indentation and tearing
- ❹ Very high density closed-cell foam backing for sound reduction and comfort underfoot

Make big savings - choose the market's lowest life cycle cost

Tapiflex Laser 4 offers the market's lowest life cycle cost, which is increasingly important in today's building projects. The flooring's 1.20 mm PUR-reinforced PVC wear layer (1.00 mm for Laser Sideral) gives good resistance to abrasion and scuffing.

The PUR-reinforcement also means less cleaning and maintenance - **NO WAX AND NO POLISH** throughout the flooring's lifetime. Maintenance costs can be reduced by up to 30%. And since 92% of the flooring's total life cycle cost is for maintenance, **substantial savings** can be made.

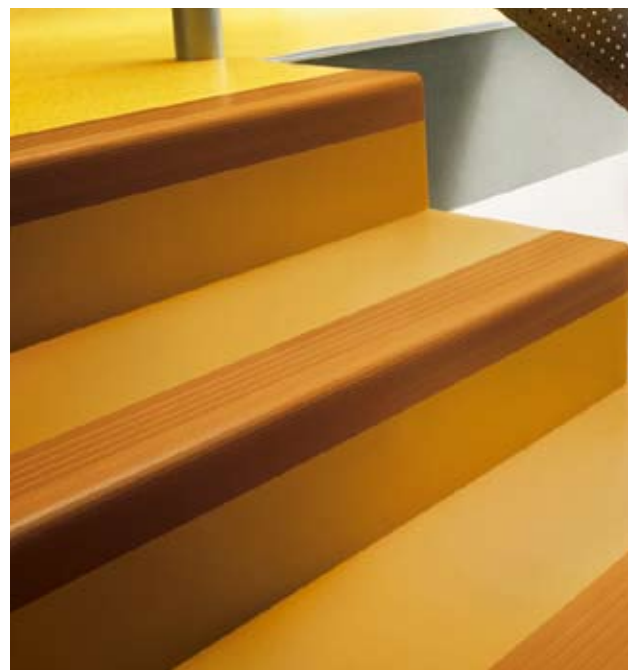
The built-in Sanitized® treatment protects the floorcovering from premature ageing caused by microorganisms, and also gives hygiene benefits in sensitive areas such as hospitals, schools and kindergartens.

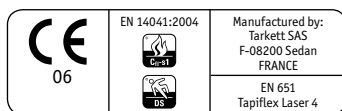
For the sake of the environment

All the raw materials in TX Laser 4 have been selected to limit environmental impact, and our use of recycled materials conserves natural resources. The improved cleaning characteristics are beneficial to the environment, because they greatly reduce the need for water and chemicals.

Don't forget the stairs

With Tapiflex TX Stairs, available in 14 colours to match the Tapiflex designs, there is always a great flooring solution for the stairs. Our concern for safety resulted in specially designed ridges to increase slip resistance. The elastic foam backing cushions impacts and gives acoustic comfort. A solid surface wear layer of 1 mm pure PVC gives outstanding resistance to abrasion.





Tapiflex Laser 4

DESCRIPTION

Inlaid compact acoustic vinyl floorcovering with very high density foam backing on a stabilized carrier, filler free wear layer.

PUR Reinforced, built-in fungistatic & bacteriostatic Sanitized® treatment.

Product standard: EN 651.

Technical data	Standards	TX LASER 4 Composite	TX LASER 4 Sideral
Classification	EN 685 domestic commercial industrial UPEC	Classes: 34 U4 P3 E2/3 C2	Classes: 34 U4 P3 E2/3 C2
Total thickness	EN 428	3.15 mm	2.95 mm
Wear layer thickness	EN 429	1.20 mm	1.00 mm
Total weight	EN 430	3 885 g/m ²	3 680 g/m ²
PUR Reinforcement		Yes	Yes
Abrasion Group	EN 660-1	Group T: ≤ 0.08 mm	
Residual indentation	EN 433	0.05 mm	
Underfoot comfort	EN 433	≥ 0.40 mm	
Furniture leg	EN 424	No damage	
Castor chair	EN 425	No damage	
Dimensional stability	EN 434	≤ 0.10%	
Curl resultant to heat	EN 434	≤ 8 mm	
Reaction to fire	EN 13501-1 NF P 92506 ASTM E648	Cfl.s1 M3 Category 1	
Slip resistance	DIN 51130 pr EN 13893	R10 ≥ 0.3	
Electrostatic properties	EN 1815 EN 1081 IEC 14041	2 kV R1 > 10 ¹⁰ Ω Antistatic	
Impact sound reduction	EN ISO 140-8 EN ISO 717/2 ΔL _w	14 dB	
Acoustic improvement	NF S 31-074 L _{n,e,w}	61 dB	61 dB
Light fastness	EN ISO 105-B02	≥ 6/8	
Chemical resistance	EN 423	High resistance	
Resistance to bacteria	NF EN ISO 846	Sanitized - Grade 0 - high fungi effect	
Thermal resistance Underfloor heating	EN 12524	0.05 m ² K/W Suitable	
Colours		Sideral: 9 Composite: 11	
Form of delivery	EN 426	Rolls: 23 lm x 2 m	

The above information is subject to modification for the benefit of further improvement (05/06). For more detailed technical information, please contact Tarkett.

Follow Tarkett's installation and maintenance instructions carefully. These instructions are available upon request.



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