

creating better environments

FLOTEX EDGE TILE

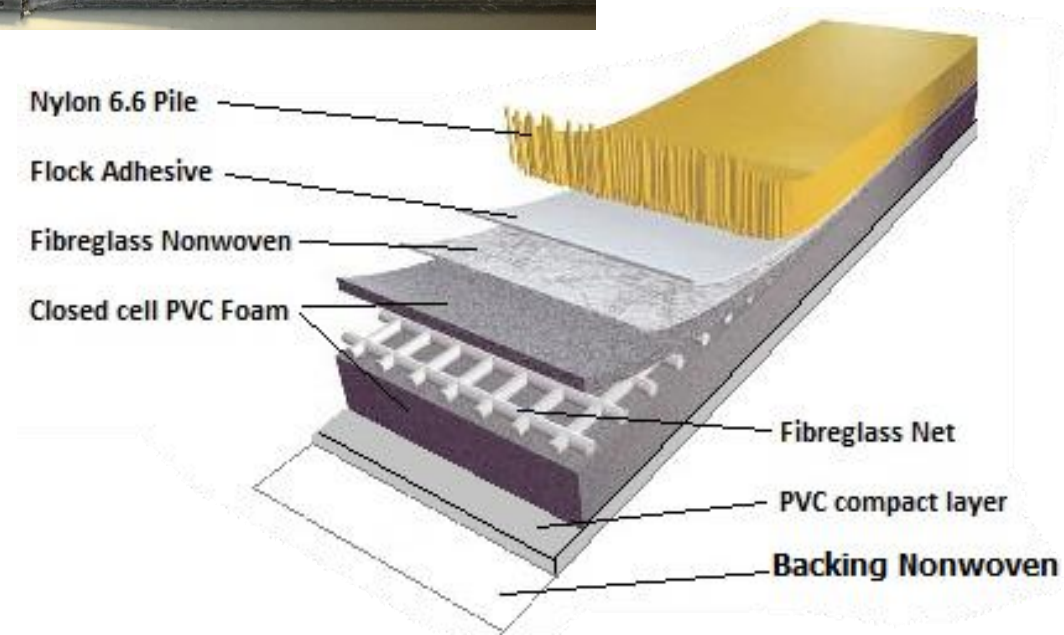


FLOORING SYSTEMS

FLOTEX EDGE TILE CONSTRUCTION



- Edge is still 5mm thick
- It is constructed with one layer of Compact PVC foam instead of two
- There is no recycled PVC layer in the backing, but there is around 6.2% recycled content.
- There is one layer of nonwoven fibreglass instead of two



The best way to describe the construction of Flotex Edge is to say that it is standard Flotex Sheet with an additional compact vinyl backcoating and a dimensionally stable backing nonwoven.

FLOTEX EDGE BENEFITS & SELLING POINTS

- Edge offers all of the unique benefits of standard Flotex but with additional superior properties:
 - Impact sound reduction: 21dB
 - 37.7% reduction in weight (2.85KG) which could result in an estimated 25-50% saving on container shipping
 - More flexibility & less rigidity than standard tile so easier to cut & fit
 - Global warming potential estimated to be 18% less than standard product

ENVIRONMENTAL PROPERTIES

18% GLOBAL WARMING POTENTIAL REDUCTION

– Indicative EPD results:

ENVIRONMENTAL IMPACTS				
Parameter	Unit	Flotex Tile (A1-A3)	Flotex Edge (A1-A3)	Difference Flotex Edge compared to regular Flotex tile (EPD)
GWP	[kg CO ₂ -eq.]	1,11E+01	9,13E+00	-18%
ODP	[kg CFC11-eq.]	5,79E-08	6,83E-08	18%
AP	[kg SO ₂ -eq.]	1,74E-02	1,61E-02	-7%
EP	[kg PO ₄ ³⁻ -eq.]	3,04E-03	2,60E-03	-14%
POCP	[kg ethene-eq.]	2,27E-03	2,18E-03	-4%
ADPE	[kg Sb-eq.]	1,67E-03	1,46E-03	-13%
ADPF	[MJ]	2,16E+02	1,87E+02	-13%
Caption	GWP = Global warming potential; ODP = Ozone depletion potential; AP = Acidification potential; EP = Eutrophication potential; POCP = Photochemical ozone creation potential; ADPE = Abiotic depletion potential for non fossil resources; ADPF = Abiotic depletion potential for fossil resources			

– Flotex Edge is 'easier on the environment' in comparison to Standard tile due to less energy consumption, reduced recycled content and reduced weight

FLOTEX EDGE TESTING

– Flotex Edge has been subjected to a full range of independent tests at accredited laboratories:

Property	Test Standard	Result
Wear Classification	EN1307	Class 33 (Heavy Commercial)
Dimensional stability	ISO 2551	<0.2%
Castor Chair	EN 985	R>2.4 (Continuous Use)
Static Propensity	ISO 6356	<2kV
Slip Resistance	EN13893	≥0.30
Impact Sound Reduction	EN ISO 10140-3	21dB
Sound Absorption	EN ISO 354	$\alpha_w = 0.1$
Fire Classification	EN13501-1	Bfls1
(USA) Surface Flammability	ASTM E648	Class 1
(USA) Smoke Emission	ASTM E-662	<450 (flaming & non-flaming modes)
VOC emissions	AgBB	7.8 $\mu\text{g}/\text{m}^3$ after 28 days
Furniture Leg Test	NF-UPEC	Pass
Thermal Resistance	EN12667	0.055m ² .K/W
Water Impermeability	EN1307 Annex	Pass
CE marking	EN14041	Yes

FLOTEX EDGE TECHNICAL SPECIFICATION

Flotex Edge meets the requirements of EN1307

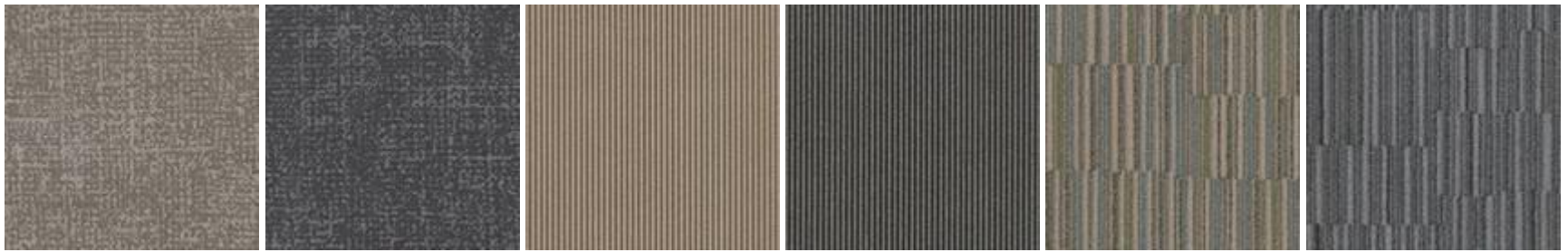
Total Weight	ISO 8543	2.8kg/m ²
Thickness	ISO 1765	5.0mm
Size		50 x 50cm
Quantity of tiles per box		12 (3m ²)
Commercial Use	ISO 10874	Class 33 Heavy
Dimensional Stability	EN986	<0.1%
Abrasion Resistance	EN1307 Annex F	>1000 cycles
Castor Chair Continuous Use	EN985	R=≥2.4
Light Fastness	EN ISO 105-B02	≥6
Acoustic	EN ISO 717-2	Impact Sound $\Delta L_w \geq 21$ dB
	ISO 354	Sound Absorption $\alpha_w = 0.1$
Water Impermeability	EN1307 Annex G	Pass
USA Fire / Smoke Emission	ASTM E648 ASTM E662	Class 1 DsMax <450 (Flaming Mode)

Flotex Tile meets the requirements of EN14041

Reaction to Fire	EN13501	BflS1,L,CS
Slip Resistance	EN 13893	Ds:≥0.30
Body Voltage	ISO 6356	<2.0kV
Thermal Resistance	EN12667	0.055m ² K/W

FLOTEX EDGE – ORDERING

- Available on conventionally printed designs only
- The 6 references shown below are available for a minimum order quantity of 1,000m² per item.



Metro Pebble

Metro Grey

Integrity2 Leaf

Integrity2 Charcoal

Stratus Fossil

Stratus Storm

- For any reference outside of these 6, the minimum order quantity is 2,500m² with obligation to take up to 10% of any overproduction