## **Technical specifications**

Flotex created by Mac Stopa meets the requirements of EN 1307

Total thickness   ISO 1765   4.3 mm		Flotex created by Mac Stopa meets the requ	irements of EN 1307	Flotex Created by Mac Stopa			
Pile composition  Domestic use  EN ISO 10874  Class 23  Commercial use  EN ISO 10874  Class 33  Sheet roll width  2.0 m  Sheet roll length  Shoet roll length  Shoe	· ×	Total thickness	ISO 1765	4.3 mm			
Omestic use  EN ISO 10874  Class 33  Sheet roll width  2.0 m  Sheet roll width  2.0 m  Sheet roll length  \$150 2551  Abrasion resistance  EN 1307 annex F  Clolour fastness to light  EN ISO 10870  EN ISO 10870  EN ISO 10870  Acoustic impact noise reduction  EN ISO 717-2  Acoustic impact noise reduction  EN ISO 717-2  Acoustic impact noise reduction  EN ISO 717-2  Acoustic sound absorption  ISO 394  Recycled content  Flotex is manufactured using 100% electricity made from renewable resources  Recycled content  Flotex is approved by Allergy UK. All Flotex products are tested for indoor air emissions: TVOC after 28 days  EN ISO 165 16 after 3 days and 28 days. Flotex sheet has ultra low emissions.  EN ISO 165 16 after 3 days and 28 days. Flotex sheet has ultra low emissions.  EN ISO 165 16 after 3 days and 28 days. Flotex overling the lowest environmental impact  Meets the requirements of  EN I 1300-1  EN	S.	Total weight	ISO 8543	1800 g/m²			
Commercial use  EN ISO 10874  Class 33  Sheet roll width  \$2.0 m  Sheet roll length  \$2.0 m  Sheet roll length  \$3 m  Dimension stability  ISO 2551  \$2.2%  Abrasion resistance  EN 1307 annex F  >1000 cycles  Castor chair continuous use  ISO 4918  FN ISO 105-802  Slip resistance  BN ISO 105-802  Slip resistance  BN ISO 105-802  Slip resistance  BN ISO 107-802  Dry -very low slip risk  Wet -low slip risk  Wet -low slip risk  Water impermeability  EN ISO 717-2  AL = ≥ 21 dB  Acoustic impact noise reduction  ISO 354  Q = 0.10 (H)  Water impermeability  EN 1307 annex G  Pass  Renewable Electricity  Flotex is manufactured using 100% electricity made from renewable resources  Recycled content  Flotex sheet contains up to 20% recycled content by weight  Indoor air quality  Flotex is approved by Allergy UK. All Flotex products are tested for indoor air emissions in accordance with EN 16516 after 3 days and 28 days. Flotex sheet has ultra low emissions.  EN 16516 after 3 days and 28 days. Flotex sheet has ultra low emissions.  EN 16516 after 3 days and 28 days. Flotex sheet has ultra low emissions.  EN 16516 after 3 days and 28 days. Flotex sheet has ultra low emissions.  EN 16516 after 3 days and 28 days. Flotex sheet has ultra low emissions.  EN 16516 after 3 days and 28 days. Flotex sheet has ultra low emissions.  EN 16516 after 3 days and 28 days. Flotex products are tested for indoor air emissions in accordance with EN 16516 after 3 days and 28 days. Flotex products are tested for indoor air emissions in accordance with EN 16516 after 3 days and 28 days. Flotex products are tested for indoor air emissions in accordance with EN 16516 after 3 days and 28 days. Flotex products are tested for indoor air emissions in accordance with EN 16516 after 3 days and 28 days. Flotex products are tested for indoor air emissions in accordance with EN 16516 after 3 days and 28 days. Flotex products are tested for indoor air emissions in accordance with EN 16516 after 3 days and 28 days. Flotex products are tested for indoor air emi		Pile composition		100% polyamide 6.6			
Sheet roll width  2.0 m  Sheet roll length  ± 30 m  Dimension stability  ISO 2551  ≤ 0.2%  Abrasion resistance  EN 1307 annex F  > 1000 cycles  Castor chair continuous use  ISO 4918  r ≥ 2.4  Colour fastness to light  EN ISO 105-B02  ≥ 5  Slip resistance  BS 7976-2  CIVE SRG pendulum)  Acoustic impact noise reduction  EN ISO 717-2  AL <sub>m</sub> = ≥ 21 dB  Acoustic impact noise reduction  EN ISO 717-2  AL <sub>m</sub> = ≥ 21 dB  Acoustic sound absorption  ISO 354  Q = 0.10 (H)  Water impermeability  EN 1307 annex G  Renewable Electricity  Flotex is manufactured using 100% electricity made from renewable resources  Recycled content  Flotex sheet contains up to 20% recycled content by weight  Indoor air quality  Flotex is approved by Allergy UK. All Flotex products are tested for indoor air emissions in accordance with EN 165 16 after 3 days and 28 days. Flotex sheet has ultra low emissions.  Indoor air emissions: TVOC after 28 days  EN 16516  Back to the Floor  Installation off cuts can be collected via Back to the Floor  SKA  Flotex meets Ska Rating criteria for M12 soft floor coverings in office, retail and higher education schemes  LCA  Life Cycle Assessment is the foundation for securing the lowest environmental impact  Meets the requirements of  EN 14041:2004  CC  DOP  1200301-DoP-107  Reaction to fire  EN 13893  µ ≥ 0.30  Solv Voltage  SOLVERS (SC)  SOLVERS (SC)  EN 13076  SOLVERS (SC)  EN 13076  SOLVERS (SC)  EN 13076  SOLVERS (SC)  SOLVERS (SC)		Domestic use	EN ISO 10874	Class 23			
Sheet roll length ±30 m  Dimension stability ISO 2551 ≤0.2%  Abrasion resistance EN 1307 annex F > 1000 cycles  Castor chair continuous use ISO 4918 r≥ 2.4  Colour fastness to light EN ISO 105-B02 ≥ 5  Slip resistance B5 7976-2 Dry - very low slip risk  Wet - low slip risk  Acoustic impact noise reduction EN ISO 717-2 ΔL = ≥ 21 dB  Acoustic sound absorption ISO 354 α = 0.10 (H)  Water impermeability EN 1307 annex G Pass  Renewable Electricity Flotex is manufactured using 100% electricity made from renewable resources  Recycled content Flotex sheet contains up to 20% recycled content by weight in 10door air quality E1615 after 3 days and 28 days. Flotex sheet has ultra low emissions. In accordance with EN 16516 after 3 days and 28 days. Flotex sheet has ultra low emissions.  Indoor air emissions: TVOC after 28 days EN 16516 ≤ 0.1 mg/m³  Back to the Floor Installation off cuts can be collected via Back to the Floor  SKA Flotex meets Ska Rating criteria for M12 soft floor coverings in office, retail and higher education schemes  LCA Life Cycle Assessment is the foundation for securing the lowest environmental impact  Meets the requirements of EN 13501-1 B <sub>0</sub> -51, L. CS  Blip resistance EN 13893 μ≥ 0.30  Body voltage Society of the securing the lowest environmental impact  EN 14041-2004  Society of the securing the lowest environmental impact  EN 14041-2004  Society of the securing the lowest environmental impact  EN 14041-2004  EN 14041-2004  Society of the securing the lowest environmental impact	<b></b>	Commercial use	EN ISO 10874	Class 33			
Dimension stability   ISO 2551   ≤ 0.2%		Sheet roll width		2.0 m			
Abrasion resistance  EN 1307 annex F  > 1000 cycles  Castor chair continuous use  ISO 4918  r ≥ 2.4  Colour fastness to light  EN ISO 105-B02  ≥ 5  Slip resistance  BS 7976-2 (UK SRG pendulum)  Acoustic impact noise reduction  EN ISO 717-2  AL <sub>w</sub> = ≥ 21 dB  Acoustic sound absorption  ISO 354  Renewable Electricity  Flotex is manufactured using 100% electricity made from renewable resources  Recycled content  Flotex sheet contains up to 20% recycled content by weight  Indoor air quality  Flotex is approved by Allergy UK. All Flotex products are tested for indoor air emissions in accordance with EN 16516 after 3 days and 28 days. Flotex sheet has ultra low emissions.  Indoor air emissions: TVOC after 28 days  EN 16516  SKA  Flotex meets Ska Rating criteria for M12 soft floor coverings in office, retail and higher education schemes  LCA  Life Cycle Assessment is the foundation for securing the lowest environmental impact  EN 14041:2004  Meets the requirements of  EN 14041:2004  Sign resistance  EN 13501-1  B <sub>II</sub> ≈1, L, CS  Slip resistance  EN 13501-1  SCO 6356  ≤ 2.0 kV		Sheet roll length		± 30 m			
Castor chair continuous use  ISO 4918  r≥2.4  Colour fastness to light  EN ISO 105-B02  ≥5  Slip resistance  BS 7976-2 (UK SRG pendulum)  Acoustic impact noise reduction  EN ISO 717-2  AL <sub>w</sub> = ≥ 21 dB  Acoustic sound absorption  ISO 354  Renewable Electricity  Flotex is manufactured using 100% electricity made from renewable resources  Recycled content  Flotex sheet contains up to 20% recycled content by weight  Indoor air quality  Flotex is approved by Allergy UK. All Flotex products are tested for indoor air emissions in accordance with EN 16516 after 3 days and 28 days. Flotex sheet has ultra low emissions.  Indoor air emissions: TVOC after 28 days  EN 16516  SKA  Flotex meets Ska Rating criteria for M12 soft floor coverings in office, retail and higher education schemes  LCA  Life Cycle Assessment is the foundation for securing the lowest environmental impact  EN 14041:2004  Meets the requirements of  EN 14041:2004  Sign resistance  EN 13893  µ≥0.30  Sold Voltage  Sign resistance  EN 13501-1  By These sheet set first in the sign of the sign and sold in the sold in the sign and so	K N	Dimension stability	ISO 2551	≤ 0.2%			
Slip resistance  BS 7976-2 (UK SRG pendulum)  Acoustic impact noise reduction  EN ISO 717-2  AL = ≥ 21 dB  Acoustic sound absorption  ISO 354  Renewable Electricity  Flotex is manufactured using 100% electricity made from renewable resources  Recycled content  Flotex sheet contains up to 20% recycled content by weight  Indoor air quality  Flotex is approved by Allergy UK. All Flotex products are tested for indoor air emissions in accordance with EN 16516 after 3 days and 28 days. Flotex sheet has ultra low emissions.  Indoor air emissions: TVOC after 28 days  EN 16516  EN 14041:2004  LCA  Life Cycle Assessment is the foundation for securing the lowest environmental impact  EN 13893  µ ≥ 0.30  Body voltage  IN 13801 = 20.0 KW/  EN 13802 + 20.0 KW  EN 13803		Abrasion resistance	EN 1307 annex F	· · · · · · · · · · · · · · · · · · ·			
Slip resistance  BS 7976-2 (UK SRG pendulum)  EN ISO 717-2  AL <sub>w</sub> = ≥ 21 dB  Acoustic impact noise reduction  EN ISO 717-2  AL <sub>w</sub> = ≥ 21 dB  Acoustic sound absorption  ISO 354  Q <sub>w</sub> = 0.10 (H)  Water impermeability  EN 1307 annex G  Pass  Renewable Electricity  Flotex is manufactured using 100% electricity made from renewable resources  Recycled content  Flotex sheet contains up to 20% recycled content by weight  Indoor air quality  Flotex is approved by Allergy UK. All Flotex products are tested for indoor air emissions in accordance with EN 16516 after 3 days and 28 days. Flotex sheet has ultra low emissions.  Indoor air emissions: TVOC after 28 days  EN 16516  SKA  Flotex meets Ska Rating criteria for M12 soft floor coverings in office, retail and higher education schemes  LCA  LCA  Life Cycle Assessment is the foundation for securing the lowest environmental impact  Meets the requirements of  EN 14041:2004  DoP  1200301-DoP-107  Reaction to fire  EN 13893  µ ≥ 0.30  Slip resistance  EN 1893  µ ≥ 0.30  SUMPLY SET SERVICE SET SERVICE SET SERVICE SET SET SET SET SET SET SET SET SET SE		Castor chair continuous use	ISO 4918				
Sup resistance  (UK SRG pendulum)  Wet - low slip risk  Acoustic impact noise reduction  EN ISO 717-2  ΔL <sub>w</sub> = ≥ 21 dB  Acoustic sound absorption  ISO 354  Q <sub>w</sub> = 0.10 (H)  Water impermeability  EN 1307 annex G  Pass  Renewable Electricity  Flotex is manufactured using 100% electricity made from renewable resources  Recycled content  Flotex sheet contains up to 20% recycled content by weight  Indoor air quality  Flotex is approved by Allergy UK. All Flotex products are tested for indoor air emissions in accordance with EN 16516 after 3 days and 28 days. Flotex sheet has ultra low emissions.  Indoor air emissions: TVOC after 28 days  EN 16516  SKA  Flotex meets Ska Rating criteria for M12 soft floor coverings in office, retail and higher education schemes  LCA  Life Cycle Assessment is the foundation for securing the lowest environmental impact  Meets the requirements of  EN 14041:2004  Life Cycle Assessment is the foundation for securing the lowest environmental impact  EN 14041:2004  Ska Reaction to fire  EN 13501-1  B <sub>0</sub> -s1, L, CS  Slip resistance  EN 13893  µ ≥ 0.30  Ska SOUW(KK)  EN 150616  Ska SOUW(KK)	<b>P</b>	Colour fastness to light	EN ISO 105-B02	≥ 5			
Acoustic sound absorption  ISO 354  Q = 0.10 (H)  Water impermeability  EN 1307 annex G  Pass  Renewable Electricity  Flotex is manufactured using 100% electricity made from renewable resources  Recycled content  Flotex sheet contains up to 20% recycled content by weight  Indoor air quality  Flotex is approved by Allergy UK. All Flotex products are tested for indoor air emissions in accordance with EN 16516 after 3 days and 28 days. Flotex sheet has ultra low emissions.  Indoor air emissions: TVOC after 28 days  EN 16516  Substituting the floor  SKA  Flotex meets Ska Rating criteria for M12 soft floor coverings in office, retail and higher education schemes  LCA  LIFE Cycle Assessment is the foundation for securing the lowest environmental impact  Meets the requirements of  EN 14041:2004  CCE  DOP  1200301-DoP-107  Reaction to fire  EN 13501-1  B <sub>0</sub> : \$1, L, CS  Slip resistance  EN 13893  µ ≥ 0.30  Body voltage  ISO 6356  ≤ 2.0 kV		Slip resistance					
Water impermeability EN 1307 annex G Pass  Renewable Electricity Flotex is manufactured using 100% electricity made from renewable resources  Recycled content Flotex sheet contains up to 20% recycled content by weight  Flotex is approved by Allergy UK. All Flotex products are tested for indoor air emissions in accordance with EN 16516 after 3 days and 28 days. Flotex sheet has ultra low emissions.  Indoor air emissions: TVOC after 28 days EN 16516 ≤ 0.1 mg/m³  Back to the Floor Installation off cuts can be collected via Back to the Floor  SKA Flotex meets Ska Rating criteria for M12 soft floor coverings in office, retail and higher education schemes  LCA LCA Life Cycle Assessment is the foundation for securing the lowest environmental impact  Meets the requirements of EN 14041:2004  CC DOP 1200301-DoP-107  Reaction to fire EN 13501-1 B <sub>n</sub> -s1, L, CS  Slip resistance EN 13893 μ≥ 0.30  Body voltage ISO 6356 ≤ 2.0 kV		Acoustic impact noise reduction	EN ISO 717-2	$\Delta L_{w} = \geq 21 \text{ dB}$			
Renewable Electricity  Recycled content  Flotex is manufactured using 100% electricity made from renewable resources  Recycled content  Flotex sheet contains up to 20% recycled content by weight  Indoor air quality  Flotex is approved by Allergy UK. All Flotex products are tested for indoor air emissions in accordance with EN 16516 after 3 days and 28 days. Flotex sheet has ultra low emissions.  Indoor air emissions: TVOC after 28 days  EN 16516  Sol. mg/m³  Back to the Floor  SKA  Flotex meets Ska Rating criteria for M12 soft floor coverings in office, retail and higher education schemes  LCA  LCA  Life Cycle Assessment is the foundation for securing the lowest environmental impact  Meets the requirements of  EN 14041:2004  CE  DoP  1200301-DoP-107  Reaction to fire  EN 13501-1  B <sub>n</sub> -s1, L, CS  Slip resistance  EN 13893  μ≥ 0.30  Body voltage  ISO 6356  ≤ 2.0 kV	(A)	Acoustic sound absorption	ISO 354	$\alpha_{_{W}} = 0.10 \text{ (H)}$			
Recycled content  Flotex sheet contains up to 20% recycled content by weight  Indoor air quality  Flotex is approved by Allergy UK. All Flotex products are tested for indoor air emissions in accordance with EN 16516 after 3 days and 28 days. Flotex sheet has ultra low emissions.  Indoor air emissions: TVOC after 28 days  EN 16516  ≤ 0.1 mg/m³  Back to the Floor  Installation off cuts can be collected via Back to the Floor  SKA  Flotex meets Ska Rating criteria for M12 soft floor coverings in office, retail and higher education schemes  ICA  LCA  Life Cycle Assessment is the foundation for securing the lowest environmental impact  Meets the requirements of  EN 14041:2004  CCC  DoP  1200301-DoP-107  Reaction to fire  EN 13501-1  Bη⁻s1, L, CS  Slip resistance  EN 13893  μ≥ 0.30  Body voltage  ISO 6356  ≤ 2.0 kV		Water impermeability	EN 1307 annex G	Pass			
Flotex is approved by Allergy UK. All Flotex products are tested for indoor air emissions in accordance with EN 16516 after 3 days and 28 days. Flotex sheet has ultra low emissions.  Indoor air emissions: TVOC after 28 days  EN 16516 ≤ 0.1 mg/m³  Back to the Floor  SKA Flotex meets Ska Rating criteria for M12 soft floor coverings in office, retail and higher education schemes  LCA Life Cycle Assessment is the foundation for securing the lowest environmental impact  Meets the requirements of  EN 14041:2004  CE DoP 1200301-DoP-107  Reaction to fire EN 13501-1 B <sub>η</sub> -s1, L, CS  Slip resistance EN 13893 μ≥ 0.30  Body voltage ISO 6356 ≤ 2.0 kV		Renewable Electricity	Flotex is manufactured using 100% e	electricity made from renewable resources			
Indoor air quality  EN 16516 after 3 days and 28 days. Flotex sheet has ultra low emissions.  Indoor air emissions: TVOC after 28 days  EN 16516  ≤ 0.1 mg/m³  Back to the Floor  SKA  Flotex meets Ska Rating criteria for M12 soft floor coverings in office, retail and higher education schemes  LCA  LCA  Life Cycle Assessment is the foundation for securing the lowest environmental impact  Meets the requirements of  EN 14041:2004  CE  DoP  1200301-DoP-107  Reaction to fire  EN 13501-1  B <sub>n</sub> -s1, L, CS  Slip resistance  EN 13893  μ≥ 0.30  Body voltage  ISO 6356  ≤ 2.0 kV	3	Recycled content	Flotex sheet contains up to 20% recyc	cled content by weight			
Back to the Floor  Installation off cuts can be collected via Back to the Floor  SKA  Flotex meets Ska Rating criteria for M12 soft floor coverings in office, retail and higher education schemes  LCA  LCA  Life Cycle Assessment is the foundation for securing the lowest environmental impact  Meets the requirements of  EN 14041:2004  CE  DoP  1200301-DoP-107  Reaction to fire  EN 13501-1  B <sub>n</sub> -s1, L, CS  Slip resistance  EN 13893 $\mu \ge 0.30$ Body voltage  ISO 6356 $\le 2.0 \text{ kV}$	7	Indoor air quality	, ,	•			
SKA  Flotex meets Ska Rating criteria for M12 soft floor coverings in office, retail and higher education schemes  LCA  LCA  Life Cycle Assessment is the foundation for securing the lowest environmental impact  Meets the requirements of  EN 14041:2004  1200301-DoP-107  Reaction to fire  EN 13501-1  B <sub>II</sub> -s1, L, CS  Slip resistance  EN 13893  µ≥ 0.30  Body voltage  ISO 6356  ≤ 2.0 kV		Indoor air emissions: TVOC after 28 days	EN 16516	≤ 0.1 mg/m³			
LICA Life Cycle Assessment is the foundation for securing the lowest environmental impact  Meets the requirements of EN 14041:2004  C DOP 1200301-DoP-107  Reaction to fire EN 13501-1 $B_{\eta}$ -\$1, L, C\$  Slip resistance EN 13893 $\mu \ge 0.30$ Body voltage ISO 6356 $\le 2.0 \text{ kV}$	BACK TO THE FLOOR RECYCLING PROGRAM	Back to the Floor	Installation off cuts can be collected via Back to the Floor				
Meets the requirements of       EN 14041:2004         C €       DoP       1200301-DoP-107         L S       Reaction to fire       EN 13501-1 $B_{ii}$ -s1, L, CS         Slip resistance       EN 13893 $μ ≥ 0.30$ Body voltage       ISO 6356       ≤ 2.0 kV		SKA	Flotex meets Ska Rating criteria for M	12 soft floor coverings in office, retail and higher education schemes			
DoP       1200301-DoP-107         Los       Reaction to fire       EN 13501-1 $B_{ij}$ -s1, L, CS         Slip resistance       EN 13893 $μ ≥ 0.30$ Body voltage       ISO 6356       ≤ 2.0 kV	LCA	LCA	Life Cycle Assessment is the foundation for securing the lowest environmental impact				
Reaction to fire EN 13501-1 $B_{\eta}$ -s1, L, CS  Slip resistance EN 13893 $\mu \ge 0.30$ Body voltage ISO 6356 $\le 2.0 \text{ kV}$		Meets the requirements of		EN 14041:2004			
Slip resistance EN 13893 $\mu \ge 0.30$ Body voltage ISO 6356 $\le 2.0 \text{ kV}$	C€	DoP		1200301-DoP-107			
Body voltage ISO 6356 ≤ 2.0 kV	L CS	Reaction to fire	EN 13501-1	B <sub>ij</sub> -s1, L, CS			
	°9€ ≥0,30	Slip resistance	EN 13893	μ≥ 0.30			
Thermal conductivity EN 12524 0.06 W/mK	经A *20 kV	Body voltage	ISO 6356	≤ 2.0 kV			
	R <sub>23</sub>	Thermal conductivity	EN 12524	0.06 W/mK			

**Recommended adhesives:** For the latest installation instructions and recommended adhesives please visit **www.forbo-flooring.co.uk/installation** 

All Forbo Flooring Systems' sales organisations worldwide have a certified Quality Management System in accordance with ISO 9001.

All Forbo Flooring Systems' manufacturing operations have a certified Environmental Management System in accordance with ISO 14001.

The Life Cycle Assessment (LCA) of Forbo Flooring Systems' products is documented in individual Environmental Product Declarations (EPD's) which can be found on all of our websites.



## **BREEAM** specific ratings for product ranges

Product description	Commercial	Education	Health		Retail (Durability)		Meets Ska criteria
Flotex Sheet with PVC backing	Α	A+	A+	A	l A	A+	~

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For more information:

e: info.flooring.uk@forbo.com

t: **0800 121 4780** 

w: forbo-flooring.co.uk/macstopa

