





















TECHNICAL INFORMATION

Greenfelt 19dB

ntgrate®

		composition	83% PVC – 7% glass fibre – 10% PET	
		wear layer	Reinforced PVC glass fibre	
			TILES	ROLLS
	ISO 1765	thickness	4,7 mm / 0,19 inch	4,7 mm / 0,19 inch
	ISO 8543	weight	3 kg/m ² / 88,48 oz/yd ²	3 kg/m ² / 88,48 oz/yd ²
	EN 1307	level of use	class 33	class 33
	EN 985	castor chairs	intensive use	intensive use
	ISO 1815	static loading	< 2 kV	< 2 kV
	EN13893 DIN 51130	slip resistance	> 0,3 R9	> 0,3 R9
	ISO 10140	impact sound ΔLw	19 dB	19 dB
	ISO 354	acoustical absorption	Class E Δw= 0,15	Class E Δw= 0,15
	EN 16205	drum sound	71 dB (A)	71 dB (A)
	EN 105-B02	light fastness	≥ 7	≥ 7
	EN 13501	reaction to fire	Bfl-s1	Bfl-s1
	ASTM E648-17 NFPA	critical radiant flux	0,63 W/cm ² Class 1	0,63 W/cm ² Class 1
	ASTM E662-15A	smoke density	< 450	< 450
	EN 984	dimensions	500 x 500 mm 19,69 x 19,69 inch	500 x 500 mm 19,69 x 19,69 inch
	ISO 24341	width	500 mm / 19,69 inch	200 – 202 cm / 7,87 – 7,95 inch
	ISO 10965	length	500 mm / 19,69 inch	on demand
	EN 986	dimensional stability	< 0,2 %	< 0,2 %
	EN 1814	resistance to fraying	very good	very good
	EN 423	staining resistance	very good	very good
	EN 15114	humid conditions	suitable	suitable
	ISO 8302	thermal resistance (underfloor)	suitable	suitable
	EN 14.041	Dop nr.	0493-CPR-0193	0493-CPR-0194

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Edition 07-06-2022

TECHNICAL INFORMATION

Greenfelt 22dB

ntgrate®

		composition	78% PVC – 7% glass fibre – 15% PET	
		wear layer	Reinforced PVC glass fibre	
			TILES	ROLLS
	ISO 1765	thickness	5,2 mm / 0,20 inch	5,2 mm / 0,20 inch
	ISO 8543	weight	3,2 kg/m ² / 94,38 oz / yd ²	3,2 kg/m ² / 94,38 oz / yd ²
	EN 1307	level of use	class 33	class 33
	EN 985	castor chairs	intensive use	intensive use
	ISO 1815	static loading	< 2 kV	< 2 kV
	EN 13893 DIN 51130	slip resistance	> 0,3 R9	> 0,3 R9
	ISO 10140	impact sound ΔLw	22 dB	22 dB
	ISO 354	acoustical absorption	class E Δw= 0,15	class E Δw= 0,15
	EN 16205	drum sound	67 dB (A)	67 dB (A)
	EN 105-B02	light fastness	≥ 7	≥ 7
	EN 13501	reaction to fire	Bfl-s1	Bfl-s1
	ASTM E648-17 NFPA	critical radiant flux	0,63 W/cm ² Class 1	0,63 W/cm ² Class 1
	ASTM E662-15A	smoke density	< 450	< 450
	EN 984	dimensions	500 x 500 mm 19,69 x 19,69 inch	500 x 500 mm 19,69 x 19,69 inch
	ISO 24341	width	500 mm / 19,69 inch	200 – 202 cm / 7,87 – 7,95 inch
	ISO 10965	length	500 mm / 19,69 inch	on demand
	EN 986	dimensional stability	< 0,2 %	< 0,2 %
	EN 1814	resistance to fraying	very good	very good
	EN 423	staining resistance	very good	very good
	EN 15114	humid conditions	suitable	suitable
	ISO 8302	thermal resistance (underfloor)	suitable	suitable

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TECHNICAL INFORMATION

Klic Hydro Sound

ntgrate®

	ISO 1765	thickness	ca 5,5 mm
	ISO 8543	weight	ca 5,6 kg/m ²
	EN 15114	level of use	class 33
	ISO 10361	Vettermann	5.000 t : ≥ 4 22.000 t : ≥ 3,5
	EN 1963	Lisson	< 30g/m ²
	EN 985	castor chairs	intensive use
	ISO 6356	static loading	< 2 kV permanently anti-static
	EN13893 DIN 51130	slip resistance	> 0,3
	ISO 10140	impact sound ΔLw	22 dB
	EPLF 021029-2	drum sound absorption	40%
	ISO 24334	locking strength	Meets Class 33 requirements
	EN 105-B02	light fastness	≥ 7
	EN 13501	reaction to fire	Bfl-s1
	EN 14.041	DoP Nr.	0493-CPR-0115

The synthetic floorcovering »Ntgrate Klic Hydro« is a flat woven synthetic quality with a wear layer produced according to the TOPGRATE® method.

In the weaving process, the TOPGRATE® technology only uses, glass-fiber reinforced, PVC yarns of which an adhesion between the core and the skin > 20 N. The fabric, with a warp density of 12 threads/cm and a weft density of an average of 9 threads/cm, is stabilized in a heat set process.

This wear layer is a phthalate-free plastisol laminated on a glass-fiber fleece. The TOPGRATE® is glued on hard PVC board and manufactured, according to the Uniclic system, in to planks of 123,5 cm x 30,5 cm and supplied in boxes of 6 pieces or 2,26 m².

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