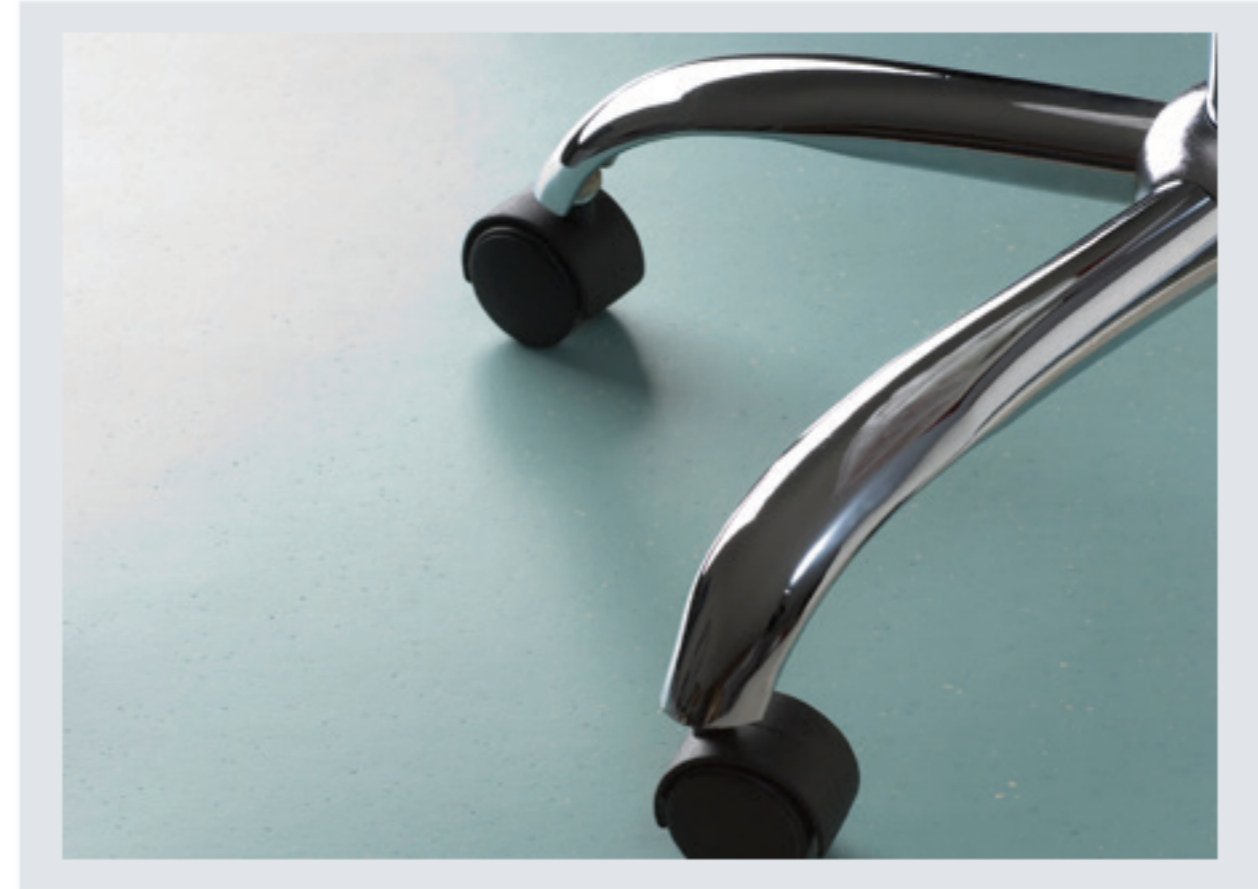


RubbaPlan Smooth Rubber Flooring Material Datasheet

Product Code: RUBBAPLAN

Product Description

Our RubbaPlan rubber flooring provides a smooth and durable flooring solution. We can supply this product range in a variety of colours, patterns and thicknesses to suit a variety of aesthetic and working requirements. Certain RubbaPlan products can also provide flame retardant, anti-static and noise reduction properties for applications that require it.



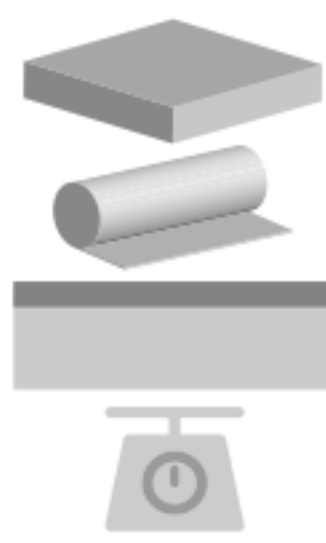
Technical Specification

Properties	Test Method	Requirements	Values			
			RC-DOTFLOOR	RC-DOTFLOOR-DB	RC-DOTFLOOR-ESD	RC-UR
Thickness	EN ISO 24346	± 0.15mm max	2.0mm	4.0mm	2.0mm	3.0mm
Hardness (Shore A)	EN ISO 7619-1	≥ 75° Shore A	88° ± 3°	85° ± 3°		
Abrasion Resistance (@ 5N Load)	ISO 4649	≤ 250mm ³	150 mm ³	170 mm ³	160 mm ³	165 mm ³
Residual Indentation	EN ISO 24343	< 2.5mm thickness	0.03mm	-	0.08mm	0.08mm
Dimensional Stability	EN ISO 23999	± 0.4%	± 0.3%			
Flexibility	EN ISO 24344	20mm dia mandrel	No fissuring			
Cigarette Burn Resistance	EN 1399	Procedure A (stuffed out) level ≥ 4 Procedure B (burning) level ≥ 3	Pass			
Colour Fastness	ISO 105-B02	At least level 6 on the blue scale; ≥ level 3 on the grey scale (=350 Mj/m ²)	Pass			
Smoke Toxicity	BS 6853 Ann. B.2	≤ 5 R	Pass		-	Pass
Classification	EN ISO 10874	Residential/Commercial/Industrial	23/34/42	23/33	23/34/42	23/34/43
Thermal Conductivity	DIN 52 612	-	0.012 m ² K/W	-	0.012 m ² K/W	0.020 m ² K/W
Ramp Slip Resistance	DIN 51 130	According to BGR 181	≥ 6 (R9)	≥ 6 (R9)	-	≥ 6 (R9)
Chemical Resistance	EN ISO 26987	-	Resistant depending on concentration and time of exposure			
Sound Absorption	EN ISO 10140-3	-	6 db	20 db	6 db	10 db
Electrical Insulation	IEC 60093	-	> 10 ¹⁰ Ohm		-	> 10 ¹⁰ Ohm
Electrical Propensity (When Walked Upon)	EN 1815 AATCC 134	- -	Anti-static charging in case of rubber soles ≤ 2 KV -		- 0.2 KV	≤ 2 KV -
Effect of Castor Chair	EN 425	-	Suitable for castor wheels type W, according to EN 12529			
Volume Resistance	IEC 61340-4-1	1 x 10 ⁶ - 1 x 10 ⁹	-	-	DIF-class 1 Rv (10 ⁶ - 10 ⁸)	-
Isolating Resistance	VDE 0 100	-	-	-	≥ 5 x 10 ⁴ Ohm	-
Electrical Behaviour	EM 1081	≥ 0.30 DS	-	-	≤ 10 ⁹ Ohm	-
Reaction to Fire	EN 13 501-1	-	Bfl - s1			

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RC-UR Size & Colour Specification



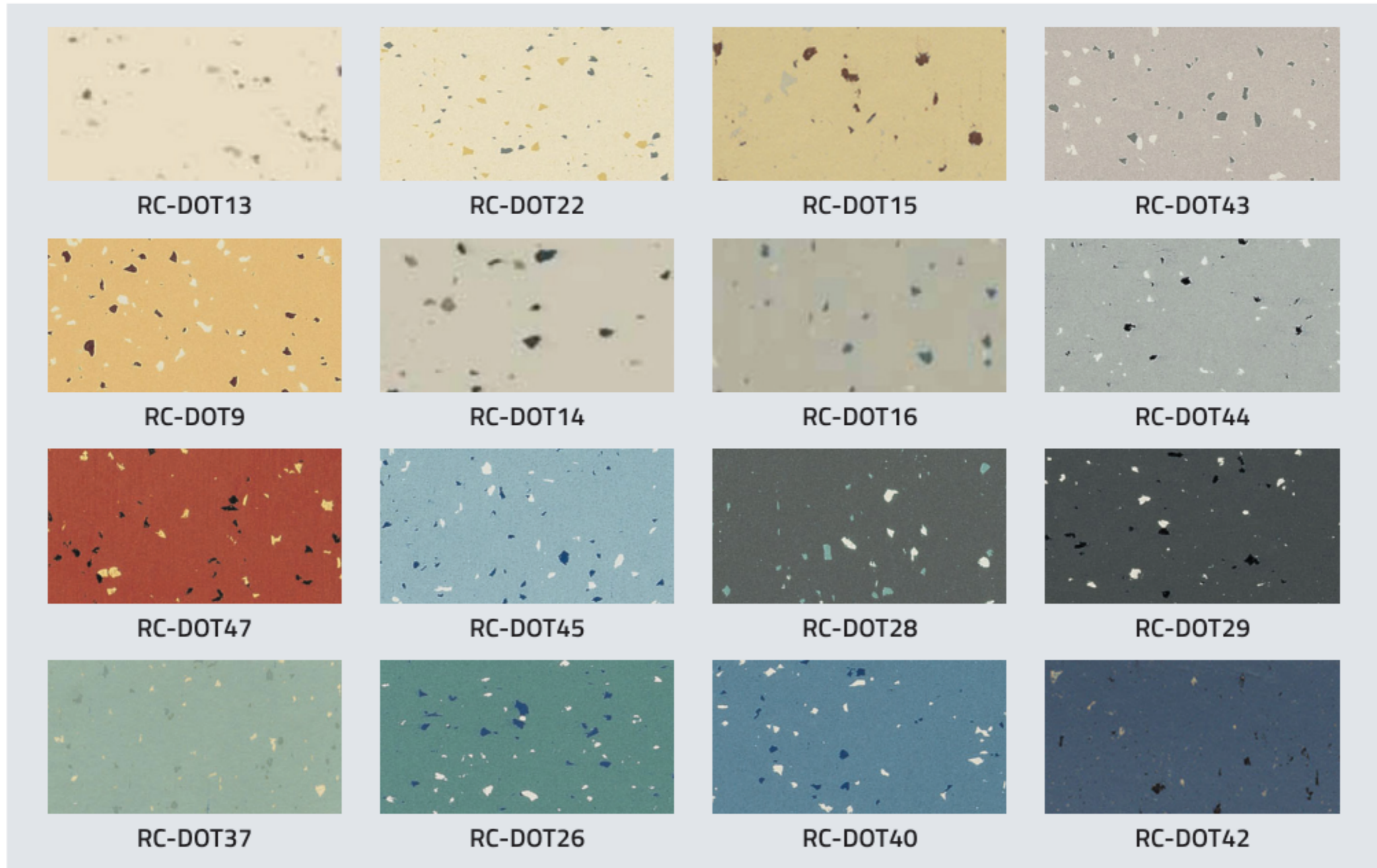
	Tile Size	610mm x 610mm
	Roll Size	1.90m x 10m
	Thickness	2mm / 3mm
	Weight	2mm @ 3.20 kg/m ² 3mm @ 5.10 kg/m ²



Our RubbaPlan RC-UR flooring is manufactured using two layers of natural and synthetic rubber compound. This provides excellent mechanical properties and resistance in a cost-efficient format. The flooring features a roughened underside for superior adhesive bonding. The top surface of the matting has been treated to ensure superior hardness and wear resistance as well as higher levels of UV resistance. The matting is incredibly easy to maintain and can be cleaned using a variety of common cleaning chemicals.

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RC-DOTFLOOR Size & Colour Specification



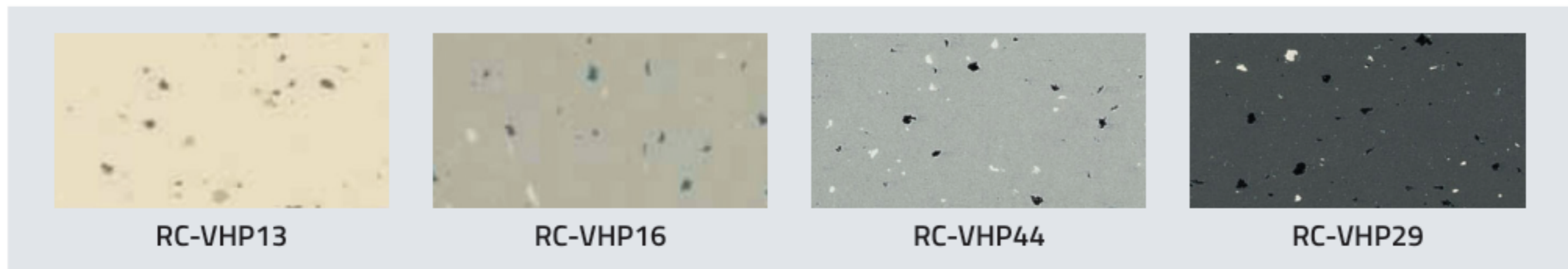
	Tile Size	610mm x 610mm
	Roll Size	1.90m x 14m
	Thickness	2mm
	Weight	2mm @ 3.30 kg/m ²

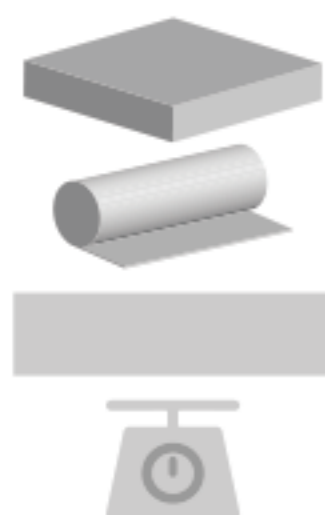


Our RC-DOTFLOOR range features a smooth surface with a marbled colour finish for a practical and visually appealing flooring solution. This particular range is available in either 610mm x 610mm tiles or large 1.90 x 14m rolls for easy large area coverage. The flooring features a roughened underside to allow for superior bonding with adhesive. The high-quality construction of our flooring is able to withstand high levels of footfall as well as a variety of wheel sizes. The matting is easy to maintain and can be cleaned using a variety of common cleaning chemicals.

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RC-DOTFLOOR-ESD Size & Colour Specification



	Tile Size	610mm x 610mm
	Roll Size	1.90m x 10m
	Thickness	2mm
	Weight	2mm @ 3.30 kg/m ²



This is our anti-static version of our RC-DOTFLOOR range. It provides the same attractive finish as our standard RC-DOTFLOOR range but superior ESD properties for use in electrical component contact applications.

RC-DOTFLOOR-DB Size & Colour Specification



	Roll Size	1.90m x 10m
	Thickness	4mm
	Weight	4mm @ 4.80 kg/m ²



Our RC-DOTFLOOR-DB is a higher density version of our standard RC-DOTFLOOR range that has been specifically developed to provide up to 20dB of noise reduction. These products feature the same attractive design that can be found on our standard RC-DOTFLOOR range.

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