

Specification according to EN 649 / EN ISO 10851 / EN 13553

Royal

Structure	Type of Flooring	EN 649 / EN ISO 10851	synthetic floor covering with PUR Eco System surface protection	
	Binder Content	EN ISO 10851	Type I	
	Additional Comment		homogeneous	
	Plastic basis		Polyvinylchloride	
	Pattern		marbled	
	Overall Thickness	EN 428	2.0 mm	
	Classification	EN 685	class 23/34/43	
	Sheet width	EN 426	183 cm	
	Sheet length	EN 426	16-25 m	
	Tiles: dimensions	EN 427	60.8 x 60.8 cm x cm	
	Amount of tiles		5.54 m ² per package	
	Total weight	EN 430	2900 g / m ²	
Safety	Flammability	EN 13501-1		Bfl-s1
	Slip resistance	BGR 181		R 9
	Dynamic coefficient of friction	EN 13893		DS (> 0.30)
	REACH		contains no substances mentioned in the SVHC-list	
Performance	Decontamination	ISO 8690	good	
	Impact sound reduction	ISO 140-8	3 dB	
	Residual indentation	EN 433	app. 0.03 mm	
	Wear group	EN 649	class P	
	Seam strength	EN 684	≥ 400 N / 50 mm	
	Colour fastness	ISO 105-B02	Rating ≥ 6	
	Vertical resistance R1	EN 1081	-	
	Electrical insulation to ground	VDE 0100	> 200 kOhm	
	Static electrical charge	EN 1815		≤ 2.0 kV
	Thermal resistance	EN 12667	0.01 m ² K / W	
	Thermal conductivity	EN 12524	0.25 W / mK	
	Resistance against chemicals	EN 423		good resistance against acids and alkalis even at higher concentrations
	Castor chair	EN 425		suitable (Typ W)
	Warmwater-underfloor heating			suitable (max. 28°C)



	Manufactured by:	Royal
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Armstrong flooring products are to be installed in full accordance with Armstrong's installation instructions and recognised trade standards. An effective, regular cleaning and maintenance programme is vital for retaining a high appearance level. Armstrong flooring products should only be used as floorcoverings. Note: Armstrong Floor Products reserve the right to amend this specification without giving prior notice. For the latest versions of the technical specifications, check our internet site: www.armstrong.eu