

Royal ESD / LG1

Specification according to EN 649

Characteristics	Standard	Unit	Result
Type of flooring	EN 649		synthetic floor covering
			homogeneous
Plastics basis			Polyvinylchloride
Pattern			marbled

Safety Criteria

Flammability	EN 13501-1	class	B _{fl} - s1
Slip resistance	BGR 181	group	R 10 (Armstrong DLW recommendation R 9)
Dynamic coefficient of friction	EN 13893	class	DS
Impact sound reduction	ISO 140-8	dB	3

General properties

Sheet width / Sheet length	EN 426	cm / m	180 / 16 - 25
Tiles: side length	EN 427	cm	60.8 x 60.8
Amount of tiles		m ² per package	5.54
Overall thickness	EN 428	mm	2.0
Total weight	EN 430	g / m ²	2900
Residual indentation	EN 433	mm	0.07
Colour fastness	ISO 105-B02	rating	≥ 6
Wear group	EN 649		P
Thickness loss	EN 649	mm	≤ 0.15
Vertical resistance	EN 1081	Ohm	≤ 1 x 10 ⁷
System resistance	EN 61340-5-1	Ohm	≤ 3.5 x 10 ⁷
Electrical insulation to ground	VDE 0100	kOhm	≥ 50
Static electrical charge	EN 1815	kV	< 2.0
Static electrical charge - system test	EN 61340-4-5	kV	≤ 0.1
Thermal resistance	EN 12667	m ² K / W	0.010
Thermal conductivity	EN 12524	W / m K	0.25

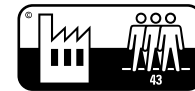
Classification according to EN 685



Class Domestic - heavy



Class Commercial - very heavy



Class Industrial - heavy



EN 14041 : 2004
05

Manufactured by:
Armstrong DLW AG
Stuttgarter Straße 75
D-74321 Bietigheim-Bissingen



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

ISO 9001

