

Safeguard / Safeguard Design

TECHNICAL INFORMATION

Specification according to EN 13845/EN 13553

Requirement	Standard	Unit	Result		
			Safeguard	Safeguard	Safeguard Design
Flammability	EN 13501-1	class	2.0 mm B _{fl} - s1	2.5 mm B _{fl} - s1	2.0 mm B _{fl} - s1
Slip resistance	BGR 181	group	R10	R10	R10
Slip resistance-classification	EN 13845	class-with shoes class-barefoot	ESf ESb	ESf ESb	ESf ESb
Dynamic coefficient of friction	EN 13893	class	DS	DS	DS
Impact sound reduction	ISO140-8	dB	2	2	2

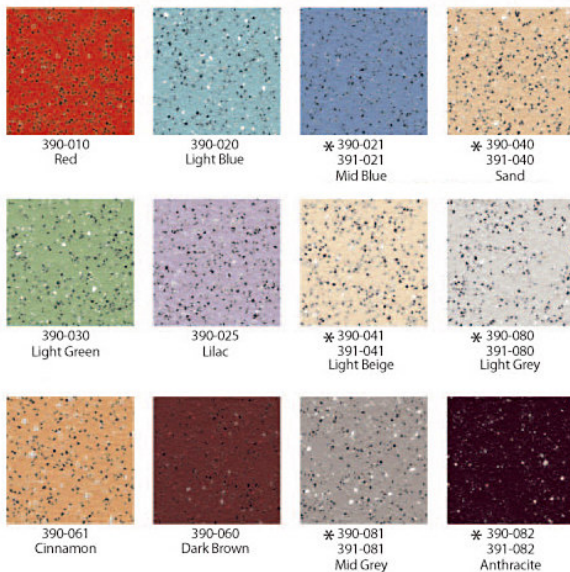
Performance behaviour

Sheet width	EN 426	m	2	2	2
Sheet length	EN 426	m	15-20	15-20	15-20
Overall thickness	EN 428	mm	2.0	2.5	2.0
Total weight	EN 430	kg/m ²	3.3	4.2	3.3
Dimensional stability	EN 434	%	≤ 0.40	≤ 0.40	≤ 0.40
Flexibility	EN 435-A	20 mm	no cracks	no cracks	no cracks
Residual indentation	EN 433	mm	0.05	0.06	0.05
Color fastness	ISO105-B02	rating	≥ 6	≥ 6	≥ 6
Wear resistance	EN13845	cycles	≥ 100,000	≥ 100,000	≥ 100,000
Seam strength	EN 684	N/50mm	≥ 400	≥ 400	≥ 400
Static electrical charge	EN 1815	kV	≤ 2.0	≤ 2.0	≤ 2.0
Thermal resistance	EN 12667	m ² K/W	< 0.17	< 0.17	< 0.17
Thermal conductivity	EN 12524	W/mK	0.25	0.25	0.25

Classification

Domestic	EN 685	class	23 heavy	23 heavy	23 heavy
Commercial	EN 685	class	34 very heavy	34 very heavy	34 very heavy
Industrial	EN 685	class	43 heavy	43 heavy	43 heavy

Safeguard 2.0 mm - 390-XXX
2.5 mm - 391-XXX



Safeguard Design

