

RUBBER FLOORING

BOLLO EXTRA Easy Cleaned. Well Defined



TECHNICAL DATA

ISSUED IN ACCORDANCE WITH THE NORM UNI EN 12199

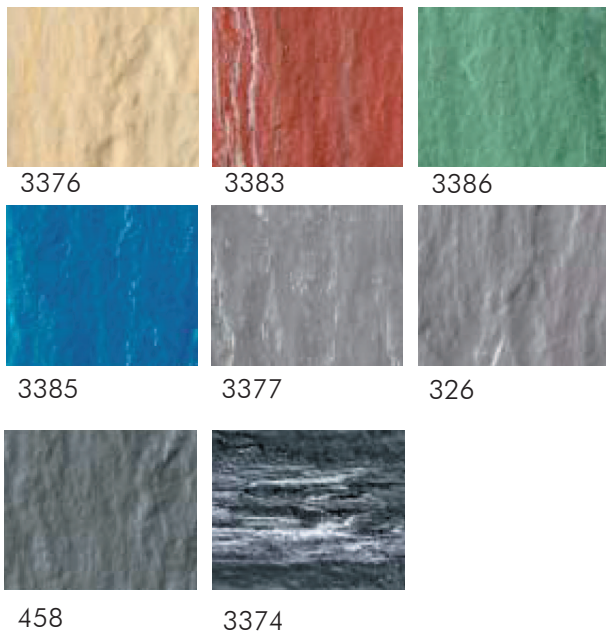


GENERAL REQUIREMENTS	TEST METHODS	UNIT OF MEASURE	REQUIREMENTS	AVERAGE VALUES FROM MANUFACTURING CONTROLS		
				2,5 mm	3 mm	4 mm
Thickness	UNI EN 428	mm	2,3 ± 2,7 2,8 ± 3,2 3,8 ± 4,2	2,5 - -	- 3 -	- - 4
Dimensional stability	UNI EN 434	%	≤ 0,4	0,3	0,25	0,2
Tear Strength	ISO 34-1 Method B Procedure A	N/mm	≥ 20	40	40	40
Cigarette heat resistance	UNI EN 1399	class	method A ≥ 4 method B ≥ 3	method A ≥ 4 method B ≥ 3		
Flexibility (mandrel diameter 20 mm)	UNI EN 435 method A	-	no fissuring	no fissuring		
Hardness	ISO 7619	Shore A	≥ 75	93	93	93
Residual indentation (after static loading)	UNI EN 433	mm	≤ 0,2 ≤ 0,25	0,08 -	- 0,1	- 0,15
Abrasion resistance	ISO 4649 method A + 5 N load	mm³	≤ 250	130	130	130
Colour fastness to artificial light	EN 20105-B02 method 3	grade	blue scale ≥ 6 grey scale ≥ 3	in conformity		
Classification	UNI EN 685	class	-	2,5 mm + 3 mm: 21-23/31-32/41 4 mm: 21-23/31-34/41-43		

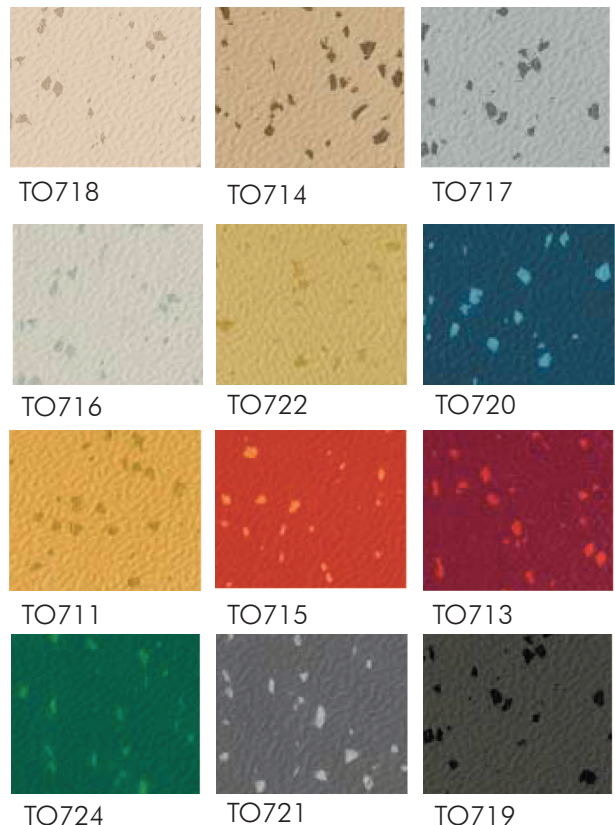
ESSENTIAL REQUIREMENTS	TEST METHODS	UNIT OF MEASURE	REQUIREMENTS	AVERAGE VALUES FROM MANUFACTURING CONTROLS		
				2,5 mm	3 mm	4 mm
Fire behaviour	UNI 8457 + UNI 9174	class	CLASS 2	CLASS 1	CLASS 1	CLASS 1
Fire behaviour	DIN 4102	class	CLASS B2	CLASS B1	CLASS B1	CLASS B1
Anti-slip characteristics	DIN 5130	grade	-	R9	R9	R9
Improvement in footfall sound absorption	DIN 52210 ISO 140 / VIII	dB	-	8	11	15
Heat transfer resistance	DIN 52612-2	m² K/W	-	0,0093	0,011	0,015
Thermal conductivity	DIN 52612-1	W/mK	-	0,27	0,27	0,27

OPTIONAL PROPERTIES	TEST METHODS	UNIT OF MEASURE	REQUIREMENTS	AVERAGE VALUES FROM MANUFACTURING CONTROLS		
				2,5 mm	3 mm	4 mm
Electrical resistance	UNI EN 1081	Ohm	-	≥ 10 ¹⁰	≥ 10 ¹⁰	≥ 10 ¹⁰
Electrostatic propensity	UNI EN 1815	kV	-	antistatic: < 2		
Effect of stains	UNI EN 423	-	-	not affected		
Effect of castor chair	UNI EN 425	-	no surface change except dullness	suitable with wheels type W		
Effect of simulated movement of a furniture leg	UNI EN 424	-	-	suitable		

ARDESIA



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Technical specification available upon request