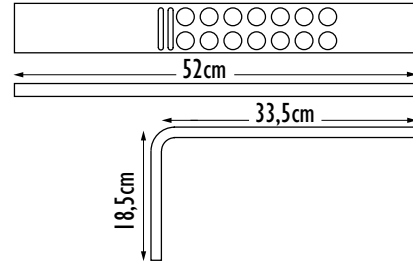


# STEP



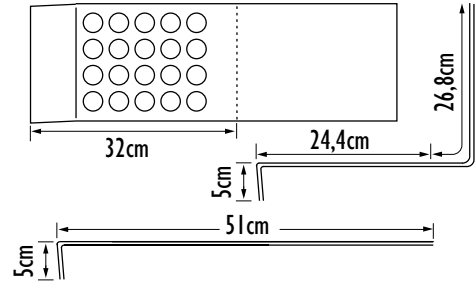
## A3/EXTRA

Color range: Bollo Extra  
The edge of the stairs must have a 2,5 cm radius.



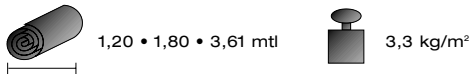
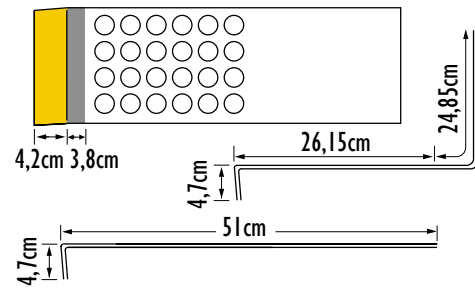
## B/EXTRA

Color range: Bollo Extra  
For stairs with a sharp edge.



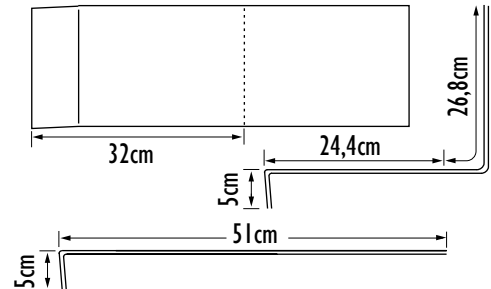
## SAFETY/EXTRA

Color range: Bollo Extra  
For stairs with a sharp edge.



## B/FT

Color range: Futura  
For stairs with a sharp edge.



# TECHNICAL DATA

ISSUED IN ACCORDANCE WITH THE NORM UNI EN 12199  
ISSUED IN ACCORDANCE WITH THE NORM UNI EN 1817 (B-FT)

GENERAL REQUIREMENTS	TEST METHODS	UNIT OF MEASURE	REQUIREMENTS	AVERAGE VALUES FROM MANUFACTURING CONTROLS					
				A3 Extra 2,5 mm	A3 Extra 3 mm	A3 Extra 4 mm	Safety Extra	B Extra	B-FT
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	0,35	0,3	0,25	0,2	0,2	0,1
Tear strength	ISO 34-1 method B Procedure A	N/mm	≥ 20	30	30	30	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	78	78	78	93	93	90
Residual indentation (after static loading)	UNI EN 433	mm	≤ 0,20 ≤ 0,25	0,15 -	- 0,18	- 0,22	- 0,15	- 0,15	- 0,15
Abrasion resistance	ISO 4649 method A 5 N load	mm <sup>3</sup>	≤ 250	200	200	200	130	130	160
Colour fastness to artificial light	EN 20105-B02 method 3	grade	blue scale ≥ 6 grey scale ≥ 3				in conformity		
Classification	UNI EN 685	class	-	Extra 2,5 mm • Extra 3 mm: 21-23/31-32/41 Extra 4 mm • Safety Extra • B Extra • B-FT: 21-23/31-34/41-43					

ESSENTIAL REQUIREMENTS	TEST METHODS	UNIT OF MEASURE	REQUIREMENTS	AVERAGE VALUES FROM MANUFACTURING CONTROLS					
				A3 Extra 2,5 mm	A3 Extra 3 mm	A3 Extra 4 mm	Safety Extra	B Extra	B-FT
Fire behaviour	UNI 8457 UNI 9174	class	CLASS 2				CLASS 1		
Fire behaviour	DIN 4102	class	CLASS B2				CLASS B1		
Anti-slip characteristics	DIN 51130	grade	-				R9		
Improvement in footfall sound absorption	DIN 52210 ISO 140 / VIII	dB	-	8	11	15	15	15	11
Heat transfer resistance	DIN 52612-2	m <sup>2</sup> K/W	-	0,0093	0,011	0,015	0,015	0,015	0,0125
Thermal conductivity	DIN 52612-1	W/mK	-	0,27	0,27	0,27	0,27	0,27	0,32

OPTIONAL PROPERTIES	TEST METHODS	UNIT OF MEASURE	REQUIREMENTS	AVERAGE VALUES FROM MANUFACTURING CONTROLS					
				A3 Extra 2,5 mm	A3 Extra 3 mm	A3 Extra 4 mm	Safety Extra	B Extra	B-FT
Ozone resistance	ASTM D-1149	-	-				no fissuring		
Electrical resistance	UNI EN 1081	Ohm	-				≥ 10 <sup>10</sup>		
Electrostatic propensity	UNI EN 1815	kV	-				antistatic: < 2		
Effect of stains	UNI EN 423	-	-				not affected		

Mondo reserves the right to change product characteristics at any time.