

coral® brush activ technical specifications



Item		Coral brush activ (58xx)	Coral brush activ FR (58xx)												
Total thickness	ISO 1765	Approx. 10 mm	Approx. 10 mm												
Wear classification	EN1307	33, commercial heavy	33, commercial heavy												
Available sizes (all sizes are approx.) Roll sizes without 2,5cm edge each side Rolls FR have no edges Mat sizes with 2,5cm edge all sides		Brush activ series 58xx, 25 colours													
		Rolls	Mats												
		100cm	55 x 90 cm												
		150cm	90 x 155 cm												
		200cm	135 x 205 cm												
		Roll lengths approx. 27,5m	Roll lengths approx. 27,5m												
Suitability for castor chairs	EN 985	Castor chair continuous use r=3,1	Castor chair continuous use r=3,1												
Colour fastness ratings:															
Light	EN ISO 105/B02	6	6												
Rubbing	EN ISO 105/X12	4,5	4,5												
Water	EN ISO 105/E01	4,5	4,5												
Seawater	EN ISO 105/E02	4,5	4,5												
Shampoo	BS 1006	4,5	4,5												
Organic solvents	EN ISO 105/X05	4,5	4,5												
Acoustical properties:															
Contact sound insulation	ISO 140-8/717-2	Δ Lw = approx. 39,4 dB													
Sound absorption	ISO 354	Hz.	125	250	500	1000	2000	4000	Hz.	125	250	500	1000	2000	4000
		α	0,02	0,07	0,13	0,33	0,46	0,58	α	0,01	0,06	0,09	0,29	0,4	0,5
Antistatic properties	ISO 10965	hor. 8x10 ⁹ Ω, vert. 2x10 ⁹ Ω		hor. 3x10 ⁷ Ω, vert. 5x10 ⁶ Ω											
Manufacturing method/type		Tufted, 5/32" cut-pile		Tufted, 5/32" cut-pile											
Designs		Multi coloured designed/coloured		Multi coloured designed/coloured											
Pile material		100% polyamide BCF		100% polyamide BCF											
Tuft base		Non-woven polyester		Non-woven polyester											
Backing		EVERFORT® vinyl		FR-latex											
Total weight	ISO 8543	Approx. 3600 gram/m ²		Approx. 3400 gram/m ²											
Pile installation weight	ISO 8543	Approx. 920 gram/m ²		Approx. 920 gram/m ²											
Pile thickness	ISO 1766	Approx. 7 mm		Approx. 7 mm											
Pile density	ISO 8543	0,095 gram/cm ³		0,129 gram/cm ³											
Number of tufts	ISO 1763	Approx. 63.300/m ²		Approx. 63.000/m ²											
Suitability for stairs	EN 1963	No		Stairs continuous use											
Comfort class	EN 1307	LC3		LC3											
All Coral products meet the demands set by EN 14041															
Fire behaviour	EN 13501-1	C _s s1		B _s s1											
Slip resistance	EN 13893	DS		DS											
Personal charging	ISO 6356	< 2 kV		< 2 kV											
Heat transmission resistance	ISO 8302	0,14 m ² K/W		0,13 m ² K/W											

coral® classic technical specifications



Item		Coral classic	Coral classic FR												
Total thickness	ISO 1765	Approx. 10 mm	Approx. 8,5 mm												
Wear classification	EN1307	33, commercial heavy	33, commercial heavy												
Available sizes (all sizes are approx.) Roll sizes without 2,5cm edge each side Rolls FR have no edges Mat sizes with 2,5cm edge all sides		Classic series 47xx, 18 colours													
		Rolls	Mats												
		100cm	55 x 90 cm												
		150cm	90 x 155 cm												
		200cm	135 x 205 cm												
		Roll lengths approx. 27,5m	Roll lengths approx. 27,5m												
Suitability for castor chairs	EN 985	Castor chair continuous use r=2,8	Castor chair continuous use r=2,8												
Colour fastness ratings:															
Light	EN ISO 105/B02	7-8	7-8												
Rubbing	EN ISO 105/X12	4,5	4,5												
Water	EN ISO 105/E01	4,5	4,5												
Seawater	EN ISO 105/E02	4,5	4,5												
Shampoo	BS 1006	4,5	4,5												
Organic solvents	EN ISO 105/X05	4,5	4,5												
Acoustical properties:															
Contact sound insulation	ISO 140-8/717-2	Δ Lw = approx. 36 dB													
Sound absorption	ISO 354	Hz.	125	250	500	1000	2000	4000	Hz.	125	250	500	1000	2000	4000
		α	0,02	0,07	0,12	0,34	0,47	0,6	α	0,02	0,06	0,1	0,27	0,37	0,46
Antistatic properties	ISO 10965	Approx. 10 ¹⁰ Ω		Approx. 10 ¹⁰ Ω											
Manufacturing method/type		Tufted, 5/32" cut-pile		Tufted, 5/32" cut-pile											
Designs		Multi coloured designed/coloured		Multi coloured designed/coloured											
Pile material		100% polyamide-BCF pigment dyed		100% polyamide-BCF pigment dyed											
Tuft base		Non-woven polyester		Non-woven polyester											
Backing		EVERFORT® vinyl		FR-latex											
Total weight	ISO 8543	Approx. 3600 gram/m ²		Approx. 3400 gram/m ²											
Pile installation weight	ISO 8543	Approx. 870 gram/m ²		Approx. 900 gram/m ²											
Pile thickness	ISO 1766	Approx. 7 mm		Approx. 6 mm											
Pile density	ISO 8543	0,100 gram/cm ³		0,141 gram/cm ³											
Number of tufts	ISO 1763	Approx. 61500/m ²		Approx. 61500/m ²											
Suitability for stairs	EN 1963	No		Stairs continuous use											
Comfort class	EN 1307	LC3		LC3											
All Coral products meet the demands set by EN 14041															
Fire behaviour	EN 13501-1	C _s s1		B _s s1											
Slip resistance	EN 13893	DS		DS											
Personal charging	ISO 6356	< 2 kV		< 2 kV											
Heat transmission resistance	ISO 8302	0,15 m ² K/W		0,13 m ² K/W											

coral® duo technical specifications



Item	Coral duo								
Total thickness	ISO 1765	Approx. 10 mm							
Wear classification	EN1307	33, commercial heavy							
Available sizes (all sizes are approx.) Roll sizes without 2,5cm edge each side Rolls FR have no edges Mat sizes with 2,5cm edge all sides	Duo series 98xx, 8 colours								
		Rolls				Mats			
		200cm				No mats			
	Roll lengths approx. 27,5m								
Suitability for castor chairs	EN 985	Castor chair continuous use r=2,8							
Colour fastness ratings:									
Light	EN ISO 105/B02	8							
Rubbing	EN ISO 105/X12	4,5							
Water	EN ISO 105/E01	4,5							
Seawater	EN ISO 105/E02	4,5							
Shampoo	BS 1006	4,5							
Organic solvents	EN ISO 105/X05	4,5							
Acoustical properties:									
Contact sound insulation	ISO 140-8/717-2	Δ Lw = approx. 32 dB							
Sound absorption	ISO 354	Hz.	125	250	500	1000	2000	4000	
		α	0,01	0,04	0,09	0,25	0,4	0,47	
Antistatic properties	ISO 10965	Approx. 10 ¹⁰ Ω							
Manufacturing method/type		Tufted, 5/32" cut-pile							
Designs		ribbed							
Pile material		100% polyamide-BCF							
Tuft base		Non-woven polyester							
Backing		EVERFORT® vinyl							
Total weight	ISO 8543	Approx. 3400 gram/m ²							
Pile installation weight	ISO 8543	Apporx. 670 gram/m ²							
Pile thickness	ISO 1766	Approx. 7 mm							
Pile density	ISO 8543	0,087 gram/cm ³							
Number of tufts	ISO 1763	Approx. 63000/m ²							
Suitability for stairs	EN 1963	No							
Comfort class	EN 1307	LC2							
All Coral products meet the demands set by EN 14041									
Fire behaviour	EN 13501-1	C _s s1							
Slip resistance	EN 13893	DS							
Personal charging	ISO 6356	< 2 kV							
Heat transmission resistance	ISO 8302	0,12 m ² K/W							

coral® luxe technical specifications



Item	Coral luxe (28xx)								Coral luxe FR (28xx)								
Total thickness	ISO 1765	Approx. 10 mm								Approx. 9 mm							
Wear classification	EN1307	32, commercial general								32, commercial general							
Available sizes (all sizes are approx.) Roll sizes without 2,5cm edge each side Rolls FR have no edges Mat sizes with 2,5cm edge all sides	Luxe series 28xx, 8 colours																
		Rolls								Mats							
		100cm								185cm (FR)							
		200cm								105 x 155 cm							
		Roll lengths approx. 20m								135 x 205 cm							
Suitability for castor chairs	EN 985	Castor chair continuous use r=2,9								Castor chair continuous use r=2,9							
Colour fastness ratings:																	
Light	EN ISO 105/B02	6-7								6-7							
Rubbing	EN ISO 105/X12	4,5								4,5							
Water	EN ISO 105/E01	5								5							
Seawater	EN ISO 105/E02	5								5							
Shampoo	BS 1006	5								5							
Organic solvents	EN ISO 105/X05	4,5								4,5							
Acoustical properties:																	
Contact sound insulation	ISO 140-8/717-2	Δ Lw = approx. 36,8 dB								Δ Lw = approx. 31,1 dB							
Sound absorption	ISO 354	Hz.	125	250	500	1000	2000	4000	Hz.	125	250	500	1000	2000	4000		
		α	0,02	0,07	0,12	0,32	0,44	0,56	α	0,01	0,04	0,09	0,25	0,35	0,44		
Antistatic properties	ISO 10965	hor. 4x10 ¹¹ Ω, vert. 1x10 ¹¹ Ω								hor. 1x10 ¹² Ω, vert. 2x10 ¹¹ Ω							
Manufacturing method/type		Tufted, 5/32" cut-pile								Tufted, 5/32" cut-pile							
Designs		Multi coloured designed/coloured								Multi coloured designed/coloured							
Pile material		70% polyester, 30% polyamide								70% polyester, 30% polyamide							
Tuft base		Non-woven polyester								Non-woven polyester							
Backing		EVERFORT® vinyl								FR-latex							
Total weight	ISO 8543	Approx. 4000 gram/m ²								Approx. 3700 gram/m ²							
Pile installation weight	ISO 8543	Approx. 1300 gram/m ²								Approx. 1300 gram/m ²							
Pile thickness	ISO 1766	Approx. 8 mm								Approx. 8 mm							
Pile density	ISO 8543	0,142 gram/cm ³								0,177 gram/cm ³							
Number of tufts	ISO 1763	Approx. 73600/m ²								Approx. 74100/m ²							
Suitability for stairs	EN 1963	No								Stairs occasional use							
Comfort class	EN 1307	LC5								LC5							
All Coral products meet the demands set by EN 14041																	
Fire behaviour	EN 13501-1	C _s s1								B _s s1							
Slip resistance	EN 13893	DS								DS							
Personal charging	ISO 6356	< 2 kV								< 2 kV							
Heat transmission resistance	ISO 8302	0,12 m ² K/W								0,11 m ² K/W							

Item	Coral grip HD		Coral grip MD		Coral logo	
Total thickness ISO 1765	With backing: approx. 17 mm Open structure: approx. 16mm		With backing: approx. 12 mm Open structure: approx. 11mm		Approx. 8 mm	
Wear classification EN1307	33, commercial heavy		33, commercial heavy		33, commercial heavy	
Available sizes (all sizes are approx.) Roll sizes without 2,5cm edge each side Mat sizes with 2,5cm edge all sides	Grip HD series 61xx, 6 colours		Grip MD series 69xx, 6 colours		Logo series 43xx	
	Rolls	Mats	Rolls	Mats	Special sizes no edges	std. sizes with edge
	122cm	60 x 90 cm	122cm	60 x 90 cm	any width, any length	55 x 90 cm
		Mats only with open structure		Mats only with open structure	up to 100 cm wide	105 x 155 cm, 105 x 300 cm
	Roll lengths approx. 10m				Roll lengths approx. 15m	
Suitability for castor chairs EN 985	No		No		Castor chair continuous use r=2,5	
Colour fastness ratings:						
Light - EN ISO 105/B02	7		7-8		7	
Rubbing - EN ISO 105/X12	4,5		4,5		4,5	
Water - EN ISO 105/E01	5		5		4,5	
Seawater - EN ISO 105/E02	5		5			
Shampoo - BS 1006	5		5			
Organic solvents - EN ISO 105/X05	4,5		4,5			
Antistatic properties - ISO 10965	Open: hor. 1x10 ¹⁰ Ω, vert. 3x10 ¹⁰ Ω With backing: hor. 4x10 ¹⁰ Ω, vert. 1x10 ¹⁰ Ω		Open: hor. 3x10 ¹⁰ Ω, vert. 6x10 ⁹ Ω With backing: hor. 4x10 ¹⁰ Ω, vert. 1x10 ¹⁰ Ω			
Manufacturing method/type	Non Woven scraping mat with embossing		Non Woven scraping mat		Tufted, 5/32" cut-pile	
Designs	3-dimensional interconnected monofilaments in two colours		3-dimensional interconnected monofilaments		Hi-definition custom print	
Pile material	100% vinyl Solution dyed		100% vinyl Solution dyed		100% polyamide	
Tuft base					Non-woven polyester	
Backing	Open structure or with EVERFORT® vinyl backing		Open structure or with EVERFORT® vinyl backing		EVERFORT® vinyl	
Total weight ISO 8543	With backing: approx. 7800 gram/m ² Open structure: approx. 5100 gram/m ²		With backing: approx. 6200 gram/m ² Open structure: approx. 3500 gram/m ²		Approx. 4000 gram/m ²	
Pile installation weight ISO 8543					Approx. 1200 gram/m ²	
Pile thickness ISO 1766					Approx. 5 mm	
Pile density ISO 8543					0,186 gram/cm ³	
Number of tufts					Approx. 91500/m ²	
Comfort class EN 1307					LC3	
Suitability for stairs EN 1963	Stairs continuous use (open structure)		No			
All Coral products meet the demands set by EN 14041						
Fire behaviour EN 13501-1	with backing C _{fl} s1		with backing C _{fl} s1		C _{fl} s1	
Slip resistance EN 13893	μ0,78		μ0,82		DS	