ecolution fabric range soto







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OEKO-TEX®

Soto

Woven on an air-jet loom, piece dyed and 60% durable - RPET - making this textile one of a kind. It is soft, durable and has a fine woven structure. Soto has a light melange and matte appearance and is part of our Ecolution collection.

Soto matches all types of upholstery and gives your chair, sofa and pod a more luxurious and exclusive look. It can be used for many years and is easy to clean with mainly a damp cloth. This soft textile is machine washable at 30 degrees Celsius and the 100% RPET non-woven backing provides this extra comfortable and thick feeling. Please note that a slight woolly or hairy appearance may appear during use, this will not further affect the durability of this sustainable textile.

Soto was developed in collaboration with Waste2Wear, experts in polyester textiles made from recycled plastic bottles. Also known for their RA3 and Blockchain technology to ensure complete transparency.

Available from stock in a wide range of trendy, modern and commercial colours. We recommend washing the cover inside out and placing it back on the furniture immediately after washing, slightly damp.

Ecolution makes sustainable choices easy by offering a wide range of high-quality, affordable upholstery fabrics with attention to conditions throughout the supply chain.



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Soto - article passport

A partly ststainable, soft, durable, fine woven aticle witch a light multi-coloured aspect

Available from stock in a wide range of contemporary and commercial colours.

Product characteristics	
Productgroup	flatweave
Applications	sofas, pods, chairs with tight and loose upholstery
Composition faceside	60% RPET 40% PES
Composition backside	100% RPET
Bonding / Coating	non-woven
Statistic code	54079200
Dyeing method	piece dyed
Available colours	22
Packaging	transparent plastic

Durability specifications

Test	Test specification	Executed by laboratory	Unit	Testresult		Norm RAL GZ 430/4:2019-01		Norm DIN EN 14 465:2006-09		
				Dry	Wet	DGM	DGM+			
Abrasion resistance - yarn breakage	DIN EN ISO 12947-1:2007-04 DIN EN ISO 12947-2:2017-03	CTL	cycles	>100.000		min. 12.000	min. 16.000	A		
Pilling	DIN EN ISO 12945-2:2000-11. 2000 cycles	CTL	grade	4		min. 3-4	min. 4	В		
Colour fastness to light	DIN EN ISO 105-B02:2014-11. Process 3, exposure level 5									
	light colours	CTL	grade	4-5		min. 4	min. 5	B-C		
	middle colours	CTL	grade	4-5		min. 4	min. 5	B-C		
	dark colours	CTL	grade	4-5		min. 4	min. 5	B-C		
Colour fastness to rubbing	DIN EN ISO 105-X12:2016-11									
	light colours	CTL	grade	4-5	5	dry: 4, wet: 3	dry:> 4, wet: 3-4	A/A		
	middle colours	CTL	grade	4-5	5	dry: 4, wet: 3	dry:> 4, wet: 3-4	A/A		
	dark colours	CTL	grade	4	4-5	dry: 4, wet: 3	dry:> 4, wet: 3-4	B/A		
Ontvlambaarheid (sigarettentest)	BS 5852 part 1 (1979) from The Furniture and Furnishing (Fire) (Safety) regulations: 1988 No. 1324, Schedule 4 part 1 Ignition source 0: cigarette	СТІ		passed						

Processing specifications

Minimum workable width in centimeters	± 138	
Roll length in meters	± 40	
Material weight in gram per liniear meter	± 497	

Test	Test specification	Excuted by laboratory	Unit	Testresult		Norm RAL GZ 430/4:2019-01		Norm DIN EN 14 465:2006-09
				Warp	Weft	DGM	DGM+	
Tensile strength	DIN EN ISO 13934-1:2013-08	CTL	Newton	2.110	1.0277	min. 350	min. 400	A/A
Tear growth resistance	DIN EN ISO 13937-3:2000-06	CTL	Newton	187,6	150,6	min. 25	min.30	A/A
Resistance to seam slippage	DIN EN ISO 13936-2:2004-07 Load 180 N	CTL	mm	3,0	2,8	max. 5	max. 4	A/A
Delamination	DIN 53530:1981-02	CTL	Newton	56,5	41,9	n/a	n/a	n/a
Chemical substances	REACH	Centexbel		pas	ssed			
	Oeke-Tex, product class II	Centexbel		cert	ified			

Cleaning specifications

Test	Test specification	Excuted by laboratory	Unit	Testresult		Norm RAL GZ 430/4:2019-01		Norm DIN EN 14 465:2006-09
				Schering	Inslag	DGM	DGM+	
Dimensional change for washing 30 degrees clecius / air drying	DIN EN ISO 5077:2008-04, DIN EN ISO 6330:2013-02, DIN EN ISO 3759:2011-08	CTL	%	- 0,4	0,0	n/a	n/a	A/A
	We recommend washing the cov	ver inside out and allow	ving it to dry sl	ightly immediately	after washing a	and then placing it	back on the furnit	ure.