

# MARSHALL



plumb 168



lightgrey 60



ivory 101



liver 10



black 61



beige 05



taupe 12



cognac 28



chocolate 17



wenge 192

## Marshall - Article passport

Marshall is an artificial leather quality that will fit your every project design and furniture.

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

### Product characteristics

Product group	artificial leather PVC/PU
Applications	sofa's, beds, chairs with fitted and loose fitting upholstery
Composition faceside	97%PVC3%PU
Composition backside	67%PES33%CO
Statistic Code	59031010
Bonding	woven
Dyeing method	piecedyed
Available colours	10






### Durability specifications

Test	Test Specification	Executed by laboratory:	Unit	Test result		Norm RALGZ 430/4:2019-01	Norm DIN EN 15 618:2012-08
				DRY	WET		
Abrasion resistance of the equipment	DIN EN ISO 5470-2:2003-10, method 1, Crossbred	CTL	cycles	102400:grade 1	DGM	after 51200 cycles min. grade 2	A
Colour fastness to light	DIN EN ISO 105-B02:2014-11, Process 3, exposure level 5						
	light colours	CTL	grade	5		min. 5	B
	middle colours	CTL	grade	5		min. 5	B
Colour fastness to rubbing	DIN EN ISO 105-X12:2016-11						
	light colours	CTL	grade	5	5	dry:>4,5 wet:>4,5	A/A
	middle colours	CTL	grade	5	5	dry:>4,5 wet:>4,5	A/A
Ignitability (cigarette test)	BS5852 part 1 (1979) from The Furniture and Furnishings (Fire) (Safety) Regulations: 1988 No. 1324, Schedule 4 part 1, Ignition source 0: cigarette	Centexbel			passed		
	DIN EN ISO 1021-1:2014, Source: Smouldering cigarette	Centexbel			passed		
Ignitability (match test)	BS5852 part 1 (1979) from The Furniture and Furnishings (Fire) (Safety) Regulations: 1988 No. 1324, Schedule 4 part 1, Ignition source 1: Match flame equivalent	Centexbel			passed		
	DIN EN ISO 1021-2:2014, Source: Match flame equivalent	Centexbel			passed		

### Processing specifications

Minimum workable width in centimeters	± 138						
Roll length in meters	± 30						
Material weight in grams per linear meter	± 900						
Test	Test Specification	Executed by laboratory:	Unit	Test result		Norm RALGZ 430/4:2019-01	Norm DIN EN 15 618:2012-08
				LENGTH	CROSS-WISE		
Tensile strength	DIN EN ISO 1421:2017-03, method 1	CTL	Newton	512	525	length:>380N crosswise:>280N	A/A
Tear growth resistance	DIN EN ISO 4674-1:2017-03, method A	CTL	Newton	37,4	55,0	length:>25N crosswise:>20N	C/A
Resistance to seam slippage	DIN EN ISO 13936-2:2004-07 180N load	CTL	mm	3,4	3,1	n/a	n/a
Coating adhesion	DIN EN ISO 2411:2018-02	CTL	Newton	42,8	36,5	length:>25N crosswise:>25N	A/A
Permanent creasing behaviour original	DIN EN ISO 32100:2019-02 100 000 cycles	CTL		O.K.: grade 0	O.K.: grade 0	length:>grade 1 crosswise:>grade 1	A
Permanent creasing behaviour after Hydrolysis (according to ISO 1419:2019-05, Method C)	DIN EN ISO 32100:2019-02 15 000 cycles after 14d, 70 °C 95% rel. ah	CTL		O.K.: grade 0	O.K.: grade 0	n/a	n/a
Chemical substances	REACH	Centexbel		passed			

### Cleaning specifications

	Dirt and Damp prevention treatment applied	   
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