

Wind Tunnel Test Results



The max. wind speed limits as per our separate sheet apply only if the sunshade canopy is in a horizontal position and if there is a fix ground anchorage.

Sunshade	Nominal size		km/h	wind force
ALEXO®				
	round	Ø 200	20	4
	round	Ø 220	20	4
PIAZZINO				
	round	Ø 300	30	5
	round	Ø 350	30	5
	square	300 x 300	30	5
TEAKWOOD				
	round	Ø 300	30	5
	round	Ø 350	30	5
		330 x 330	30	5
ALU-PUSH				
	round	Ø 200	35	5
	round	Ø 220	30	5
	round	Ø 250	25	4
	round	Ø 270	25	4
	rectangular	210 x 150	30	5
	rectangular	250 x 200	25	4
	square	200 x 200	30	5
	square	240 x 240	25	4
ALU-TWIST				
	round	Ø 270	30	5
	round	Ø 300	25	4
	round	Ø 330	25	4
	rectangular	210 x 150	30	5
	rectangular	250 x 200	25	4
	square	240 x 240	25	4
FORTINO®				
	round	Ø 250	80	9
	round	Ø 270	65	8
	round	Ø 300	60	7
	square	Ø 200 x 200	70	8
	square	Ø 240 x 240	60	7

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FORTERO®				
	round	Ø 350	55	7
	round	Ø 400	50	7
	rectangular	300 x 200	60	7
	rectangular	350 x 250	55	7
	square	250 x 250	70	8
	square	300 x 300	60	7
	square	350 x 350	50	7
FORTELLO®				
	round	Ø 450	65	8
	square	350 x 350	70	8
	square	400 x 400	60	7
SUNWING® C+				
	round	Ø 265	30	5
	round	Ø 300	30	5
	round	Ø 330	30	5
	square	260 x 260	30	5
SOMBRANO® S+				
	round	Ø 350	45	6
	round	Ø 400	35	5
	square	300 x 300	45	6
	square	350 x 350	35	5
PENDALEX® P+				
	round	Ø 300	20	4
	round	Ø 325	20	4
	round	Ø 350	20	4
	rectangular	285 x 230	20	4
PENDALEX® V+				
	round	Ø 250	20	4
	round	Ø 300	20	4
	round	Ø 325	20	4
	rectangular	260 x 200	20	4
	rectangular	280 x 240	20	4

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AMBIENTE				
	round	Ø 400	40	6
	round	Ø 450	35	5
	round	Ø 500	30	5
	rectangular	400 x 300	40	6
	rectangular	450 x 350	35	5
	square	350 x 350	40	6
	square	400 x 400	35	5
CASTELLO® M4				
				*reinforced top rods
	round	Ø 350	100	10
	round	Ø 400	80	9
	round	Ø 450	65	8
	round	Ø 500	55	7
	round	Ø 500*	65	8
	round	Ø 550*	60	7
	round	Ø 600*	50	7
	rectangular	400 x 300	65	8
	rectangular	450 x 350*	55	7
	rectangular	500 x 400*	50	7
	square	300 x 300	100	10
	square	350 x 350	85	9
	square	400 x 400	50	7
	square	400 x 400*	65	8
	square	450 x 450*	55	7
	square	500 x 500*	50	7
PALAZZO® STYLE				
	round	Ø 350	115	11
	round	Ø 400	90	10
	round	Ø 450	75	9
	round	Ø 500	65	8
	round	Ø 600	55	7
	rectangular	350 x 300	85	9
	rectangular	400 x 300	70	8
	rectangular	450 x 350	75	9
	rectangular	500 x 400	60	7
	rectangular	550 x 450	55	7

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PALAZZO® STYLE				
	square	300 x 300	85	9
	square	350 x 350	95	10
	square	400 x 400	80	9
	square	450 x 450	70	8
	square	500 x 500	60	7
PALAZZO® NOBLESSE				
	round	Ø 450	85	9
	round	Ø 500	75	9
	round	Ø 600	80	9
	round	Ø 700	70	8
	rectangular	450 x 350	85	9
	rectangular	500 x 400	70	8
	rectangular	600 x 400	75	9
	rectangular	600 x 500	70	8
	square	400 x 400	95	10
	square	450 x 450	80	9
	square	500 x 500	70	8
	square	500 x 500*	85	9
	square	550 x 550	75	9
	square	600 x 600	65	8
PALAZZO® ROYAL				
	round	Ø 700	80	9
	round	Ø 800	70	8
	rectangular	600 x 500	80	9
	rectangular	700 x 500	75	9
	rectangular	700 x 600	70	8
	rectangular	800 x 600	60	7
	square	600 x 600	90	10
	square	650 x 650	85	9
	square	700 x 700	75	9