

## 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
<b>ALEXO®</b>				
	round	Ø 200	20	(4)
	round	Ø 220	20	(4)
<b>PIAZZINO</b>				
	round	Ø 300	30	(5)
	round	Ø 350	30	(5)
	square	300 x 300	30	(5)
<b>TEAKWOOD</b>				
	round	Ø 300	30	(5)
	round	Ø 350	30	(5)
		330 x 330	30	(5)
<b>ALU-PUSH</b>				
	round	Ø 200	75	(9)
	round	Ø 220	65	(8)
	round	Ø 250	50	(7)
	round	Ø 300	35	(5)
	rectangular	210 x 150	55	(7)
	rectangular	250 x 200	40	(6)
	square	200 x 200	50	(7)
	square	240 x 240	40	(6)
<b>ALU-TWIST</b>				
	round	Ø 270	55	(7)
	round	Ø 300	50	(7)
	round	Ø 330	45	(6)
	rectangular	210 x 150	55	(7)
	rectangular	250 x 200	45	(6)
	square	240 x 240	45	(6)
<b>FORTINO®</b>				
	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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<b>FORTERO®</b>			
	round	∅ 350	55 (7)
	round	∅ 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)
<b>FORTELLO® / FORTELLO® LED</b>			
	round	∅ 450	80 (9)
	rectangular	350 x 250	100 (10)
	rectangular	400 x 300	85 (9)
	square	300 x 300	100 (10)
	square	350 x 350	85 (9)
	square	400 x 400	75 (9)
<b>SUNWING® C+</b>			
	round	∅ 265	30 (5)
	round	∅ 300	30 (5)
	round	∅ 330	30 (5)
	square	260 x 260	30 (5)
<b>SOMBRANO® S+</b>			
	round	∅ 350	45 (6)
	round	∅ 400	35 (5)
	rectangular	400 x 300	35 (5)
	square	300 x 300	45 (6)
	square	350 x 350	35 (5)
<b>PENDALEX® P+</b>			
	round	∅ 300	20 (4)
	round	∅ 325	20 (4)
	round	∅ 350	20 (4)
	rectangular	285 x 230	20 (4)

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<b>AMBIENTE</b>				
	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)
<b>CASTELLO® M4</b> <span style="float: right;">*reinforced top rods</span>				
	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)
<b>PALAZZO® STYLE</b>				
	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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<b>PALAZZO® STYLE</b>			
	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)
<b>PALAZZO® NOBLESSE</b> <span style="float: right;">*12 parts</span>			
	round	∅ 450	85 (9)
	round	∅ 500	75 (9)
	round	∅ 600	80 (9)
	round	∅ 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)
<b>PALAZZO® ROYAL</b>			
	round	∅ 700	80 (9)
	round	∅ 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)