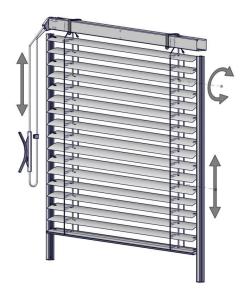


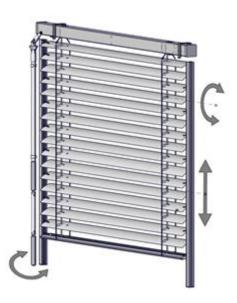
# OUTSIDE BLINDS CETTA, ZETTA, SETTA

### 1. CONTROL

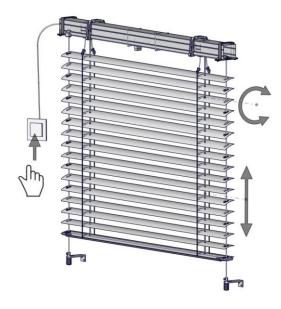
Cord







### Engine





### 1.1 DESCRIPTION OF CONTROL USING THE CORD:

Remove the cord from the holder of lamellas. Lowering and tilting of lamellas is achieved by drawing one part of the cord in the downward direction. By drawing the nearest part of the cord, the lamellas can be lowered; by drawing the other part of the cord, the lamellas can be lifted. Tilting and regulation of light is achieved by slightly drawing any part of the cord. After setting the blind into the requested position, fix the cord into the holder.

Notification: Since it is infinite, both parts of the cord should not be drawn at the same time. In the case of drawing both parts of the cord, damage to the blind may occur, resulting in consequent necessary repair.

### 1.2 DESCRIPTION OF THE CONTROL USING THE HANDLE:

Remove the handle from the holder (in the case of a removable handle, insert both bayonet counters into each other), break the lower part for better control and tilt the whole handle from the wall so that the bar in the lower and the upper part does not intervene into the profile of the lamellas. Draw the lamellas by turning the handle in the right direction. The blind moves upward to the point where the mechanical stop or end switch for the engine (in the case of control by engine) terminates this movement.

By turning the handle in the opposite direction, the blinds are moved downward (the lamellas are in the closed position during the whole period of running). The blind moves downward to the point where the mechanical stop or end switch for the engine (in the case of control by engine) terminates this movement. The upward/downward movement can be interrupted in any position of the blind. The tilting of lamellas and regulation of light is achieved by slightly turning the handle in both directions. After manipulation, put the level into the original position and fix the handle into the holder.

#### **NOTIFICATION:**

In the case of insufficient tilting from the area of the lamellas, damage may occur, resulting in consequent necessary repair.

Features for blinds with wires. Lower the blinds into the lower end position and then set the declination of the lamellas. If the blind is not in the lower end position, there is the risk of oscillation of the roll from wind and damage to the window and the facade.

### 1.3 DESCRIPTION OF THE CONTROL USING THE ELECTRIC ENGINE:

Blinds can be lowered and lifted using the electric drive with the remote control unit or the switch. In the case of an electric drive it is possible to use automatic control, such as the wind and solar sensor, depending on the weather. To set the electric control of the blinds, follow the manual for this device that was delivered by the supplier.

### 1.4 CONSTRUCTION OF THE BOTTOM RAIL

After lowering the blind into the lower position, the lower bar is supported by the window sill. The bottom profile rests on the parapet as soon as the blind is pulled into the bottom position, or until the blind is closed, if the perpendicular bottom rail (nv) is implemented.



### 2. MAINTENANCE

The product does not require any extraordinary maintenance or lubrication of control mechanisms. During common cleaning regularly wipe the surface with a cloth or a wet soft textile or sponge and then dry. Only use soap solutions without chemical ingredients at a temperature of up to 30sC. Do not use aggressive detergents, such as organic solvents, cleaning sand, cleaning pastes, developing steams and strong alkali cleaning detergents.

We recommend regularly inspecting and maintaining external blinds.

### REGULAR INSPECTION OF THE CONDITION.

- permanent functions of blinds (proportional lifting and lowering),
- condition and rate of dirtying of blinds,
- · wearing of drawing strips and ladders,
- · condition of guiding, guiding bars and unloader,
- · correct function of end switches,
- noise level when running.

#### NOTICE:

Pay attention to the regular operation of the blind, run the blind up and down at least once a month. Especially in the extended state, the ladder may get stiff and the blind slats may catch.



# 3. WIND RESISTANCE OF EXTERIOR BLINDS

The wind resistance tests were conducted by Centrum stavebniho inženyrstvi, a.s., Zlin.

Essential characteristics		Performance												
Wind resistance	Width of construction hole L (mm)	L<=	2 000	2000 < L	<=3000	3000 < L	<= 4000	4000 < L <= 4500						
	Standard EN/Beaufort	13659	Beaufort	13659	Beaufort	13659	Beaufort	13659	Beaufort					
	Wind resistance class	4	7	3	6	2	5	1	4					
	Max. wind speed v max (km/h)	-	61	4	49		38		8					
	Max. effective height wing	Hmax = 4000mm												
	Width of construction hole L (mm)	4500 < L	.<= 5 000	5 000 < L	<=5500	5 500 < L	<= 5800	5800 < L	<=6000					
	Wind resistance class	0	3	0	2	0	1	0	0					
	Max. wind speed vmax (km/h)	1	19	11			5		1					
	Max. effective height wing				Hmax =	4000mm								
Additional thermal resistance ∆R				0,08 (m2.K/W)	)									
Total solar energy transmittance gtot		0.0	32 - 0,094 (acco	ording to the s	elected slat col	or)*								

Essential characteristics				Perfe	ormance						
Wind resistance	Width of construction hole L (mm)	L<	2000	2000 < L	<=3000	3000 < L	<=4000	4000 < L	<=4500	4500 < L	<=4800
	Standard EN/Beaufort	13659	Beaufort	13659	Beaufort	13659	Beaufort	13659	Beaufort	13659	Beaufort
	Wind resistance class	1	4	0	3	0	2	0	1	0	0
	Max. wind speed vmax (km/h)	1	28	1	9	1	1	5			1
	Max. effective height wing					Hmax =	2500mm				
	Width of construction hole L (mm)	L<	2000	2000 < L	<=3000	3000 < L	<=4000	4000 < L	<=4500	4 000 < L	<= 4500
	Wind resistance class	0	3	0	2	0	1	0	0	0	0
	Max. wind speed vmax (km/h)		19	1	1		5		1		1
	Max. effective height wing					Hmax =	4000mm				
Additional thermal resistance ∆R				0,08 (	m2.K/W)						
Total solar energy transmittance gtot	0.032 - 0.094 (according to the selected slat color)*										

Cetta 65 - channe	el												
Essential characteristics				Performar	nce								
Wind resistance	Width of construction hole L (mm)	L<=	= 2 000	2 000 < L	<=3000	3000 < L	<=4000	4000 < L <= 4500					
	Standard EN/Beaufort	13659	Beaufort	13659	Beaufort	13659	Beaufort	13659	Beaufort				
	Wind resistance class	4	7	3	6	2	5	1	4				
	Max. wind speed vmax (km/h) 61 49 38 2												
	Max. effective height wing	Hmax = 4000mm											
	Width of construction hole L (mm)	4500 < l	<=5000	5 000 < L	<= 5500	5 500 < L	<=5800	5800 < L <= 6000					
	Wind resistance dass	0	3	0	2	0	1	0	0				
	Max. wind speed vmax (km/h)		19	1	11		5	1					
	Max. effective height wing				Hmax =	4000mm							
Additional thermal				0,08 (m2.K/	W)								
resistance ΔR													
Total solar energy tran-			0,032 - 0,09	4 (according to th	e selected slat col	or)*							
smittance gtot													

Cetta 65 - wire															
Essential characteristics						Perform	nance								
Wind resistance	Width of construction hole L (mm)	L<=	2 000	2000 < L	<=3000	3000 < L	<=4000	4000 < L	<=4500	4500 < L	<=4800	4800 < l	<=5000	5000 < l	<=6000
	Standard EN/Beaufort	13659	Beaufort	13659	Beaufort	13659	Beaufort	13659	Beaufort	13659	Beaufort	13659	Beaufort	13659	Beaufort
	Wind resistance class	3	6	2	5	1	4	0	3	0	2	0	1	0	0
	Max. wind speed vmax (km/h)	4	19	3	8	28		19		11		5			1
	Max. effective height wing		Hmax = 2500mm												
	Width of construction hole L (mm)	L<=	2 000	2000 < L	<=3000	3000 < L <= 4000		4000 < L <= 4500		4500 < L	<=4800	4800 < l	<=5000	5000 < l	<=6000
	Wind resistance class	2	5	1	4	0	3	0	2	0	1	0	0	0	0
	Max. wind speed vmax (km/h)	3	38	2	8	19		11			5	0		0	
	Max. effective height wing							Hmax =	4000mm						
Additional thermal resistance	ce ΔR							0,08 (m	12.K/W)						
Total solar energy transmitt	ance gtot					0,032	- 0,094 (a	ccording t	to the sele	cted slat o	olor)*				



Essential characteristics	nel				Dorfe	ormance										
Wind resistance	Width of construction hole L (mm)		L <= 2	000	_	0 < L <=	3 000	3.00	0 < L <= 4	1.000	4.00	0 < L <= 4	4 500			
wind resistance	Standard EN/Beaufort	13659		Beaufort	13659		Beaufort	13659		Beaufort	13659		Beaufort			
	Wind resistance class	5	,	8	4		7	3	, .	6	2	, ,	5			
		,		0	4		/	3	40	0			3			
	Max. wind speed vmax (km/h)	-	74			61		4000	49			38				
	Max. effective height wing	4.50	a .1 .	F 000	5.00			4000mm	ا د د		5.00		c 000			
	Width of construction hole L (mm)		0 <l<< th=""><th></th><th></th><th>0<l<=< th=""><th></th><th colspan="2">5 500 &lt; L &lt;= !</th><th></th><th></th><th>0 &lt; L &lt;=</th><th></th></l<=<></th></l<<>			0 <l<=< th=""><th></th><th colspan="2">5 500 &lt; L &lt;= !</th><th></th><th></th><th>0 &lt; L &lt;=</th><th></th></l<=<>		5 500 < L <= !				0 < L <=				
	Wind resistance class	1		4	0		3	0		2	0		1			
	Max. wind speed vmax (km/h)	-	28			19		****	11			5				
A LESS - LAST - LAST	Max. effective height wing	_						4000mm								
Additional thermal resis		_					0,08 (п			1.6						
Total solar energy trans	mittance gtot				0,0	32 - 0,094	(according t	to the select	ed slat colo	r)*						
Setta 65 - wire																
Essential characteristics					Dorfe	ormance										
Essentiai characteristics Wind resistance		1.4	2,000	2,000 -	L <= 3 000		L <= 4 000	4000 -1	4 F00	4 500 -1	4 4 000	4 000 - 1	- F.N			
miliu resistance	Width of construction hole L (mm)		2 000 Results			13659	Beaufort		<=4500		<= 4800 Resurfort	4800 < l	_			
	Standard EN/Beaufort	13659	Beaufo		Beaufort			13659	Beaufort	13659	Beaufort	13659	Beaufo			
	Wind resistance class	3	6	2	5	1	4	0	3	0	2	0	1			
	Max. wind speed vmax (km/h)	4	49		38		28		9		11		5			
	Max. effective height wing		2.67	1				2500mm								
	Width of construction hole L (mm)		2 000		L <= 3 000		L <= 4 000		<=4500		<=4800	4 800 < l	_			
	Wind resistance class	2	5	1	4	0	3	0	2	0	1	0	0			
	Max. wind speed vmax (km/h)	3	8		28		19		1		5		1			
	Max. effective height wing							4000mm								
Additional thermal resis								n2.K/W)								
Total solar energy trans	mittance gtot	0,032 - 0,094 (according to the selected slat color)*														
Setta 90 - chan	mal.															
Essential characteristic						ormance										
Wind resistance	Width of construction hole L (mm)		L<=2			0 < L <=		_	00 < L <=			00 < L <=				
	Standard EN/Beaufort	1365	9	Beaufort	13659	)	Beaufort	1365	9	Beaufort	1365	9	Beaufort			
	Wind resistance class	5		8	4		7	3		6	2		5			
	Max. wind speed vmax (km/h)		74			61			49			38				
	Max. effective height wing						Hmax =	4000mm								
	Width of construction hole L (mm)	45	00 < L <	= 5 000	5 00	0 < L <=	5 500	5.5	00 < L <=	5 800	5 80	00 < L <=	6 000			
	Wind resistance class	1		4	0		3	0		2	0		1			
	Max. wind speed vmax (km/h)		28			19			11		5					
	Max. effective height wing	Hmax = 4000mm														
Additional thermal resi		0,08 (m2.K/W) 0,032 - 0,094 (according to the selected slat color)*														
Total solar energy trans	smittance gtot				0,0	032 - 0,09	4 (according	to the selec	ted slat colo	or)*						
C-44- 00																
Setta 90 - wire																
Essential characteristic						ormance										
Wind resistance	Width of construction hole L (mm)	L<=:			3 000 3 000 4		_						_			
	Standard EN/Beaufort		Beaufort		aufort 1365		_	-		-	659 Beaufo	-	_			
	Wind resistance class	3	6	2	5 1	4	0	3	0	2	0 1	0	0			
	Max. wind speed vmax (km/h)	49	9	38		28		19	11		5		1			
	Max. effective height wing							2500mm								
	Width of construction hole L (mm)	L<=			= 3 000 3 000 <		_					_	_			
	Wind resistance dass	2	5	1	4 0	3	0	2	0	1	0 0	0	0			
	Max. wind speed vmax (km/h)	38	3	28		19	1	11	5		1		0			
	Max. effective height wing						Hmax =	4000mm								
Additional thermal resi	stance ΔR						0,08 (r	n2.K/W)								
Total solar energy trans	smittance gtot				0,0	032 - 0,09	4 (according	to the selec	ted slat colo	or)*						
Zotto ZO share	nol															
Zetta 70 - chan																
Essential characteristic			5.000			rmance	00			000		0 -1	1.500			
Wind resistance	Width of construction hole L (mm)		= 2 000			:L<=30			<l<=40< td=""><td></td><td></td><td>0<l<=4< td=""><td></td></l<=4<></td></l<=40<>			0 <l<=4< td=""><td></td></l<=4<>				
	Standard EN/Beaufort	13659	В	eaufort	13659	Be	aufort	13659	Be	eaufort	13659	<u> </u>	Beaufort			
	Wind resistance class	4		7	3		6	2		5	1		4			
	Max. wind speed vmax (km/h)		61			49			38			28				
	Max. effective height wing						Hmax = 40									
W	Width of construction hole L (mm)		L<=5	000	5 000 <	(L<=55	000	5 500	<l<=58< td=""><td>800</td><td>5 80</td><td>0 &lt; L &lt;= 6</td><td>6 000</td></l<=58<>	800	5 80	0 < L <= 6	6 000			
	Wind resistance class	0		3	0		2	0			0		0			
							11 5 1									
	Max. wind speed vmax (km/h)		19			11			5			1				
			19			11	Hmax = 40	000mm	5			1				
Additional thermal resi	Max. wind speed vmax (km/h) Max. effective height wing		19			11	Hmax = 40		5			1				

Validity of the manual: 15.11.2024

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Zetta 70 - wire															
Essential characteristics						Perfo	rmance								
Wind resistance	Width of construction hole L (mm)	L<=	2 000	2 000 < 1	<=3000			4 000 < I	<= 4500	4500 < I	<=4800	4800 < I	<= 5 000	5 000 < l	<=60
	Standard EN/Beaufort		Beaufort	13659	Beaufort	13659	Beaufort	13659	Beaufort	13659	Beaufort	13659	Beaufort		_
	Wind resistance class	3	6	2	5	1	4	0	3	0	2	0	1	0	0
	Max. wind speed vmax (km/h)	4		_	38	_	8	_	19	_	1	5		1	
	Max. effective height wing								2500mm						
	Width of construction hole L (mm)	L<=	2 000	2000 < L	<=3000	3 000 < L	<=4000	4000 < L	<=4500	4500 < L	<=4800	4800 < L	<=5000	5 000 < 1	L<=61
	Wind resistance dass	2	5	1	4	0	3	0	2	0	1	0	0	0	0
	Max. wind speed vmax (km/h)	3	8		28	1	9	1	11		5		1		0
	Max. effective height wing							Hmax =	4000mm						
Additional thermal resis	stance ΔR							0,08 (n	n2.K/W)						
otal solar energy trans	mittance gtot					0,03	2 - 0,094 (a	according	to the selec	ted slat co	lor)*				
Zetta 90 - chan	nel														
Essential characteristics						Perfo	rmance								
Wind resistance	Width of construction hole L (mm)		L<=1	000			:L<=20	00	2.0	000 < L <=	2 000		2 000	<l<=4(< th=""><th>200</th></l<=4(<>	200
wind resistance	Standard EN/Beaufort	1265	$\overline{}$			13659	$\overline{}$				Beaufort			$\overline{}$	
		1365	9	Beautor 9	Beaufort		bei	aufort	1365	19	beauton 7		13659	DE	eaufort -
	Wind resistance class Max. wind speed vmax (km/h)	6	88	9	-	5	74	8	4	61		+	3	49	6
		$\vdash$	00				/4	Итач.	4000mm	01				47	
	Max. effective height wing Width of construction hole L (mm)	11	00 < L <	- 4 500		A 500 -	:L<=50			000 < L <=	- 5 500		5 500	<l<=60< td=""><td>000</td></l<=60<>	000
	Wind resistance class	2	00 \ L <	= 4500 5		4 300 <	E <= 30	4	0	NO CEC	= 5 500 3		0		2
	Max. wind speed vmax (km/h)		38		-	-	28	7	0	19	3	+	v	11	4
	Max. effective height wing	38 28 19 11 Hmax = 4000mm												П	
dditional thermal resi		Hmax = 4000mm 0,08 (m².K/W)													
otal solar energy trans	mittance gtot	0,032 - 0,094 (according to the selected slat color)*													
Zetta 90 - wire															
ssential characteristic	s					Perfo	rmance								
Vind resistance	Width of construction hole L (mm)	L<=	2 000	2000 < l	<=3000	3000 < L	<= 4000	4000 < l	<= 4500	4500 < L	<=4800	4800 <	L <= 5 000	5 000 <	L <= 6
	Standard EN/Beaufort	13659	Beaufort	13659	Beaufort	13659	Beaufort	13659	Beaufort	13659	Beaufort	13659	Beaufor	13659	Beau
	Wind resistance class	3	6	2	5	1	4	0	3	0	2	0	1	0	(
	Max. wind speed vmax (km/h)	4	9	3	88	2	18		19	1	1		5		1
	Max. effective height wing							Hmax =	2500mm						
	Width of construction hole L (mm)	L<=	2 000	2000 < L	<=3000	3 000 < L	<=4000	4 000 < l	<=4500	4500 < L	<=4800	4800 <	L <= 500	5 000 <	$L \le 6$
	Wind resistance class	2	5	1	4	0	3	0	2	0	1	0	0	0	0
	Max. wind speed vmax (km/h)	3	3	28		1	9		11 5		5		1		0
	Max. effective height wing	Hmax = 4000mm													
Additional thermal resi		0,08 (m2.K/W)													
Total solar energy trans	mittance gtot	0,032 - 0,094 (according to the selected slat color)*													
Cetta 60 Flexi -	wire														
Essential characteristics						Perfor	mance								
Wind resistance	Width of construction hole L (mm)	L<=	800	800	<l<=20< th=""><th></th><th>000 &lt; L &lt;=</th><th>= 3 000</th><th>3 000 &lt; L</th><th>&lt;= 4000</th><th>4000</th><th><l<=4< th=""><th>500 4</th><th>500 &lt; L &lt;</th><th>=480</th></l<=4<></th></l<=20<>		000 < L <=	= 3 000	3 000 < L	<= 4000	4000	<l<=4< th=""><th>500 4</th><th>500 &lt; L &lt;</th><th>=480</th></l<=4<>	500 4	500 < L <	=480
	Standard EN/Beaufort	13659	Beaufor	t 1365	9 Beau	fort 1	3659 B	eaufort	13659	Beaufor	t 1365	9 Bea	ufort 1	3659	Beaufor
	Wind resistance dass	3	6	2		,	1	4	0	3	0	_	2	0	1
	Max. wind speed vmax (km/h)	4	9		38		28		1	19		11		5	
	Max. effective height wing							Hmax = 2	2500mm						
	Width of construction hole L (mm)	L<=	800	800	<l<=20< td=""><td>00 20</td><td>000 &lt; L &lt;=</td><td>= 3 000</td><td>3 000 &lt; L</td><td>&lt;= 4000</td><td>4000</td><td><l<=4< td=""><td>500 4</td><td>500 &lt; L &lt;</td><td>= 480</td></l<=4<></td></l<=20<>	00 20	000 < L <=	= 3 000	3 000 < L	<= 4000	4000	<l<=4< td=""><td>500 4</td><td>500 &lt; L &lt;</td><td>= 480</td></l<=4<>	500 4	500 < L <	= 480
	Wind resistance class	2	5	1	4	1	0	3	0	2	0		1	0	0
	Max. wind speed vmax (km/h)	3	8		28		19			1		5		1	
	Max. effective height wing							Hmax = 4							
Additional thermal resis								0,08 (m							
otal solar energy trans	mittance gtot					0,032	- 0,094 (a	ccording to	the select	ed slat col	or)*				
Cetta 60 Flexi -	channel														
ssential characteristics						Perfor	mance								
	Width of construction hole L (mm)		L <= 10	00		1000 < l	L <= 2000	)	2 00	0 < L <=	3 000		3 000 <	L <= 400	)()
		13659		Beaufort	1	3659	Beau	_	13659		Beaufort	1	13659		ufort
Vind resistance	Standard EN/Beaufort			7		3	6	j	2		5		1		4
Vind resistance	Wind resistance class	4		7				6				$\overline{}$		28	
Nind resistance		4	61				49			38				20	
Wind resistance	Wind resistance class	4	61					Hmax = 4	1000mm	38				20	
Wind resistance	Wind resistance class Max. wind speed vmax (km/h)		61 0 < L <=							38 0 < L <= :	5 500		5 500 <	L<=600	00
Vind resistance	Wind resistance class Max. wind speed vmax (km/h) Max. effective height wing							)			5 500		5 500 <	L <= 600	00
Vind resistance	Wind resistance class Max. wind speed vmax (km/h) Max. effective height wing Width of construction hole L (mm)	4 00		÷ 4 500		4 500 < l	L <= 5 000	)	5 00					L <= 600	
Vind resistance	Wind resistance class Max. wind speed vmax (km/h) Max. effective height wing Width of construction hole L (mm) Wind resistance class	4 00	0 <l<=< td=""><td>÷ 4 500</td><td></td><td>4 500 &lt; l</td><td>L &lt;= 5000 2</td><td>) ! ! Hmax = 4</td><td>5 00 0 4000mm</td><td>0 &lt; L &lt;=</td><td></td><td></td><td></td><td>L &lt;= 600</td><td></td></l<=<>	÷ 4 500		4 500 < l	L <= 5000 2	) ! ! Hmax = 4	5 00 0 4000mm	0 < L <=				L <= 600	
Vind resistance	Wind resistance class Max. wind speed vmax (km/h) Max. effective height wing Width of construction hole L (mm) Wind resistance class Max. wind speed vmax (km/h) Max. effective height wing	4 00	0 <l<=< td=""><td>÷ 4 500</td><td></td><td>4 500 &lt; l</td><td>L &lt;= 5000 2</td><td>2</td><td>5 00 0 4000mm</td><td>0 &lt; L &lt;=</td><td></td><td></td><td></td><td>L &lt;= 600</td><td></td></l<=<>	÷ 4 500		4 500 < l	L <= 5000 2	2	5 00 0 4000mm	0 < L <=				L <= 600	



Cetta 80 Flexi																
Essential characteristic		1	1		0 1		formance		3	1	00 7 7	NA -1	. 3.000	3.000	1	
Wind resistance	Width of construction hole L (n		L<=2000		00 < L <= 2		2500 < L	<=3000					<=3800	3 800 <		
	Standard EN/Beaufort		3659 Beau	_		ufort	13659	Beaufor	_	Beauf	_	659	Beaufort	13659	Beaufo	
	Wind resistance class Max. wind speed vmax (km/h		38	_	28	4	0	9	0	11		0	1	0	1 0	
	Max. effective height wing	'	30		20				= 2500mm	"			,		•	
	Width of construction hole L(n	nm)	L <= 2000	200	00 < L <= 2	500	2500 < L			:L<=34	00 3.40	10 < I	<=3800	3.800 <	L <= 400	
	Wind resistance class	,	1 4			3	0	2	0	1	_	0	0	0	0	
	Max. wind speed vmax (km/h	1)	28		19		1	1		5		1	1		1	
	Max. effective height wing							Hmax	= 4000mm							
Additional thermal res	istance ΔR							0,08	(m2.K/W)							
Total solar energy tran	smittance gtot					0,0	32 - 0,094	(accordin	g to the sele	cted slat o	olor)*					
Cetta 80 Flexi	- channel															
Essential characteristic						Pei	rformano	e								
Wind resistance	Width of construction hole L	(mm)	L<	= 2 000		2 00	0 < L <=	3 000		3 000 < L	<=4000		40	00 < L <=	4 500	
	Standard EN/Beaufort		13659	Beau	fort	13659	)	Beaufort	13	659	Beaufo	ort	1365	9	Beaufort	
	Wind resistance class		2	5		1		4		0	3		0		2	
	Max. wind speed vmax (kn			38			28			19	)			11		
	Max. effective height wing							Hma	x = 4000mn	1						
	Width of construction hole L	(mm)			500 < L <=	= 5 000						00 < L	<=6000			
	Wind resistance class	- (1-)		0			1		_	0			<del>                                     </del>	0		
	Max. wind speed vmax (kn			5				Uma	4000	1						
Additional thermal res	Max. effective height wing	,							x = 4000mn 3 (m2,K/W)	1						
Total solar energy tran						0	032 - 0.09		ng to the se	erted slat	color)*					
rotal solal ellergy trail	· -						0,032 - 0,03	- (accordi	ing to the se	iccica siai	colory					
Cetta 80 - wire																
Essential characteristics						Perf	ormance									
Wind resistance	Width of construction hole L (	mm)	L <= 2000	2 000 <	L <= 3 000	3 000 <	L <= 400	004000<	L <= 4500	4 500 < L	<= 4 800	4800	<l<=50< th=""><th>000 5 000 &lt;</th><th>L&lt;=60</th></l<=50<>	000 5 000 <	L<=60	
	Standard EN/Beaufort	1	3659 Beaufo	rt 13659	Beaufort	13659	Beaufor	rt 13659	Beaufort	13659	Beaufort	136	59 Beaufo	ort 13659	Beaufo	
	Wind resistance class		3 6	2	5	1	4	0	3	0	2	0	1	0	0	
	Max. wind speed vmax (km/	h)	49		38		28		19	1	1		5		1	
	Max. effective height wing								= 2500mm							
	Width of construction hole L (	mm)	L <= 2000	2 000 <	_			_	L <= 4500	_	<= 4 800	_			_	
	Wind resistance dass	1.1	2 5	1	4	0	3	0	2	0	1	0	0	0	0	
	Max. wind speed vmax (km/ Max. effective height wing	n)	38		28	<u> </u>	19	Umav	11 - 4000mm		5		1		0	
Additional thermal resis		effective height wing         Hmax = 4000mm           0,08 (m2.K/W)														
Total solar energy transi		0,032 - 0,094 (according to the selected slat color)*														
						-										
Cetta 80 - chan Essential characteristics	nei					Donf	ormance									
Wind resistance	Width of construction hole L	(mm)	1.	<=1000			ormance 00 < L <=			2 000 < L	<= 3.000		3.00	0 < L <= 4	1.000	
Willa lesistance	Standard EN/Beaufort	· (mm)	13659		aufort	1365		Beaufort	_	8659	Beaufo	ort	13659		Beaufort	
	Wind resistance dass		6		9	5		8	<u> </u>	4	7	,,,	3	<del></del>	6	
	Max. wind speed vmax (km/	h)		88	_		74			6	1			49		
	Max. effective height wing							Hma	x = 4000m							
	Width of construction hole L	. (mm)	4000	<l<=45< th=""><th>00</th><th>45</th><th>00 &lt; L &lt;=</th><th>= 5 000</th><th></th><th>5 000 &lt; L</th><th>&lt;=5500</th><th></th><th>5 50</th><th>0 &lt; L &lt;=</th><th>5 000</th></l<=45<>	00	45	00 < L <=	= 5 000		5 000 < L	<=5500		5 50	0 < L <=	5 000	
	Wind resistance dass		2		5	1		4		0	3		0		2	
	Max. wind speed vmax (km/	h)		38			28			1	9			11		
118618 1 1 1	Max. effective height wing								x = 4000m							
Additional thermal resis							022 0.0		8 (m2.K/W)		11#					
Total solar energy transi	nittance gtot					0	,032 - 0,0	94 (accord	ing to the se	elected sia	(color)*					
Cetta 100 Flexi -	wire															
ssential						Perform	ance									
haracteristics																
	lth of construction hole L (mm)	L-	<=800	800 < l	<=2000	200	00 < L <=	3000	3000 < L	<=4000	4000	<l<=< th=""><th>4500</th><th>4500 &lt; L</th><th>&lt;=4800</th></l<=<>	4500	4500 < L	<=4800	
	ndard EN/Beaufort	13659	Beaufort	13659	Beaufort	136	559 B	eaufort	13659	Beaufort	13659	E	Beaufort	13659	Beaufor	
	nd resistance class	3	6	2	5	1		4	0	3	0		2	0	1	
	Max. wind speed vmax (km/h)				38		28		19	)		11		5		
	x. effective height wing					= 2500m										
	Ith of construction hole L (mm)		<=800		<=2000	_	00 < L <=	$\overline{}$	3000 < L		4000 <	L<=4	500	1500 < L <		
	nd resistance class	2	5	1	4	0	_	3	0	2	0		1	0	0	
	x. wind speed vmax (km/h)		38		28	1000	19		- 11			5		1		
l Ma	x. effective height wing					= 4000m										
	AD					/7 1/ ALC										
dditional thermal resist otal solar energy transm				0.033 .03	0,08 94 (accordin	(m².K/W)										



Cetta 100 Flexi -	channel																
Essential characteristics							Perf	forman	ce								
Wind resistance	Width of co	nstruction hole L (mm)		L <= 10	00		10	000 < L∢	<=2000		2 000 <	L <= 30	00	3 00	0 < L <=	4 000	
	Standard E	N/Beaufort	13659	9	Beaufort		1365	59	Beaufo	ort	13659	Bea	ufort	13659	)	Beaufort	
	Wind resist	ance dass	4		7		3		6		2		5	1		4	
	Max. wind:	speed vmax (km/h)		61				49	)			38			28		
	Max. effect	ive height wing							Hr	nax = 400	)mm						
	Width of co	nstruction hole L (mm)	400	0 < L <=	4 500		4500 < L		<=5000		5 000 <	L<=55	500 5500 < L <=			6 000	
	Wind resist	ance dass	0		3		0		2		0		1	0		0	
	Max. wind	speed vmax (km/h)		19				11	ı			5			1		
	Max. effect	ive height wing							Hr	nax = 400	)mm						
Additional thermal resista	nce ΔR								(	),08 (m².K/	W)						
Total solar energy transmi	ittance gtot		0,032 - 0,094 (according to the selected slat color)*														
Titan 90																	
Essential characteristics								Perf	ormance								
Wind resistance			Class 6 (for all dimensions)														
Additional thermal resista	ance ΔR		0,08 (m2.K/W)														
Total solar energy transm	ittance gtot				0,	,032 - 0	),094 (a	ccording	g to the se	lected slat	color)*						
Sloped blind Cet	tta 80F TF	:															
Essential characteristics		_	Performance														
Essential characteristics	1																
Wind resistance	Width of co	nstruction hole L (mm)			L	<=20	000						2 000 < L	<= 2 500			
Sta		N/Beaufort		13659				Beau	fort			13659		- 2000	Beaufort	t	
	Wind resist			2		$\top$		5				1			4		
		speed vmax (km/h)				38						•	8				
	Hmax (mm					2 500											
	Wind resist		1			1		4				0		2 500			
		speed vmax (km/h)			19					11							
	Hmax (mm					4 000					4 000						
Additional thermal resista		1	4 000 4 000 0,08 (m2.K/W)														
Total solar energy transm			0,032 - 0,094 (according to the selected slat color)*														
14114																	
VIVA Essential characteristics						l					Perfori	manco					
Wind resistance										Class 3	4 (accordin		at tune)				
Additional thermal resist	anco AD									Class J,	0,08 (m		it type/				
Total solar energy transm									0,03	2 - 0,094 (a			ted slat co	lor)*			
Windstabil (Z90 Essential characteristics	, C80, S90	0)					D.	erforma									
Wind resistance	Wistel	of construction hole L (mr	n)	12	2 000	2,000	-> L <			<=4000	4000 < 1	/- A 500	4 500 ~ 1	/- F 000	5 000 < l	/- EM	
minu resistance		lard EN/Beaufort	"/	13659	Beaufort	_		= 3 000 eaufort	13659	Beaufort	13659	Reaufort	13659	Beaufort		Beaufo	
		resistance dass		13039	Beautori 8	4		7	3	6	13039	5	13039	4	0	beauto 3	
		wind speed vmax (km/h)			<u>°</u>	4	61	,		49	_	8	_	28	_	19	
		effective height wing			7		01		· ·		2500mm	•	<u> </u>			17	
		errective neight wing n of construction hole L (mr	n)	12-	2 000	2,000	1010	= 3,000	3,000 ~ 1	= 4 000		<= 4 500	4 500 ~ 1	<= 5,000	5,000 ~ 1	<= 5 AC	
		resistance dass	"/	4	7	3		6		5	4000 < L	4	0	3	0	2	
		wind speed vmax (km/h)			i /	٠,	49	U	2 5		28		_	19	_	11	
	effective height wing			,,	1	47		-					12		11		
Additional thornal resist	Hmax = 4000mm 0.08 (m²,K/W)																
	Additional thermal resistance ΔR Total solar energy transmittance gtot																
rocar solar energy transm	nccance gror		0,032 - 0,094 (according to the selected slat color)*														

The blinds must not be operated when it is freezing. It must remain in the appropriate position. Do not operate the blind in case of any difficult movement until this cause is removed.

# 4. SAFETY INSTRUCTIONS

- Do not use force when handling the product if any obstacle prevents its motion.
- Do not attach any items to the product (particularly lamellas, control mechanisms).
- Prevent mechanical stress and damage to the product.
- For products controlled by cords, keep cords out of the reach of children to prevent entangling and jamming.
- Handle the product carefully, especially during cleaning.



### FOR PRODUCTS WITH MOTOR-DRIVEN DRIVES:

- To set the electric control of the product, follow the manual for this device that was delivered by the supplier.
- Do not allow children to play with the equipment. Keep the remote control out of the reach of children.
- Check the installation for damage to inlets.
- For the inspection or maintenance of electrical parts, the product must be disconnected in an appropriate manner from the electricity supply.

#### NOTIFICATION:

Electric installation, assembly and maintenance must only be performed by fully-qualified persons who are authorized and capable for the stated actions. In the case of a defect or mechanical damage to the product, prevent any further use.

Attention: If the product is placed in dusty environment, the paint on the slats may be scratched, this is not a reason for a complaint.

Attention: The blind must be moved at regular intervals to prevent the ladder from stiffening, which can cause the slats to book

### 5. CLEANING

Be sure to carefully clean the shielding slats to avoid denting them or other damage. When cleaning the windows, set the product in such a position that it cannot be damaged and that it does not hinder cleaning. Protect the product from fouling during (re)construction operations and (re)decorating. When the wind strength exceeds the limit value according to the table, blinds with manual control and motor control with no sensor must be pulled up to the upper position to avoid damage to both the product or its surroundings.

Moisten the surface of the slats and guide rails with water.

Use soft cloth or a sponge.

Use only soap solutions with no chemical additives, with temperature of up to 30°C.

Rinse with clean water.

Wipe dry.

Do not use aggressive cleaning agents such as organic thinners, solvents, cleaning sands, cleaning pastes, steam generators and strong alkaline cleaning agents!

Do not use pressure water washing!

#### Notes:

- If the product is not functional, contact the seller or the firm which assembled the product.
- The display of the product may slightly differ from the actual version. The producer reserves the right to make changes.
- After the termination of the service life, do not dispose of in communal waste. Materials used can be separated and handed over in accordance with the valid regulations on waste and environmental protection. Information on waste collection points can be obtained from the local administration office.