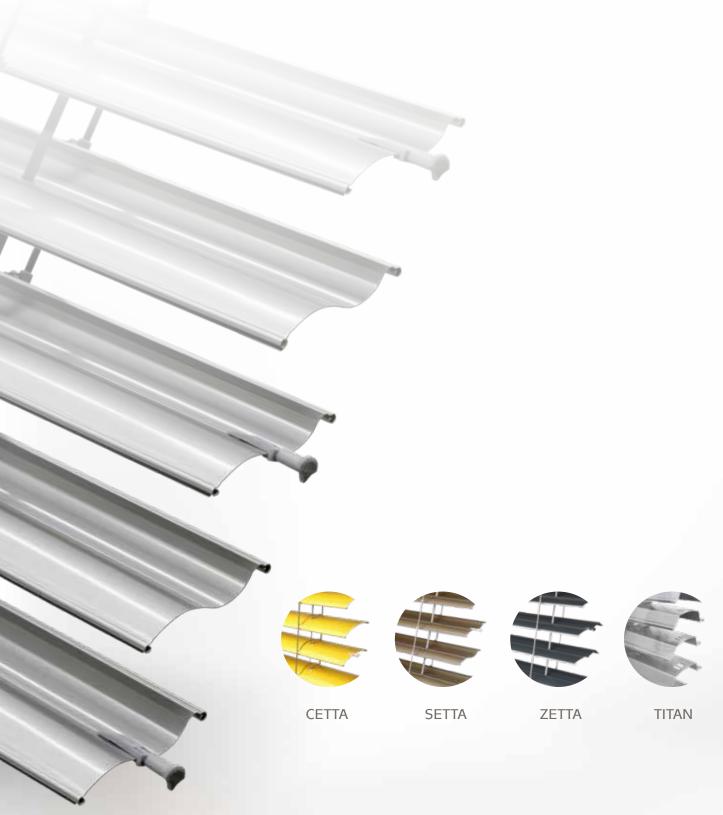


# **EXTERIOR BLINDS**



... protecting your privacy.

# EXTERIOR BLINDS

#### CETTA, SETTA, ZETTA, TITAN

Exterior blinds create an optimal environment regarding light and temperature conditions and are an important part of the building in terms of energy savings.

Within the traditional approach, the exterior blinds fulfil the shading and safety function. As for the non-traditional concept, they represent an architectural element of office buildings and are a jewel of family houses.

#### ADVANTAGES AND BENEFITS OF EXTERIOR BLINDS

HIGH DEGREE OF PROTECTION AGAINST SOLAR RADIATION,

EFFECTIVE PROTECTION OF PRIVACY,

REDUCTION OF HEAT ALREADY IN THE EXTERIOR.

REDUCTION OF THE AMBIENT NOISE LEVEL,

CORNER BLIND POSSIBILITY,

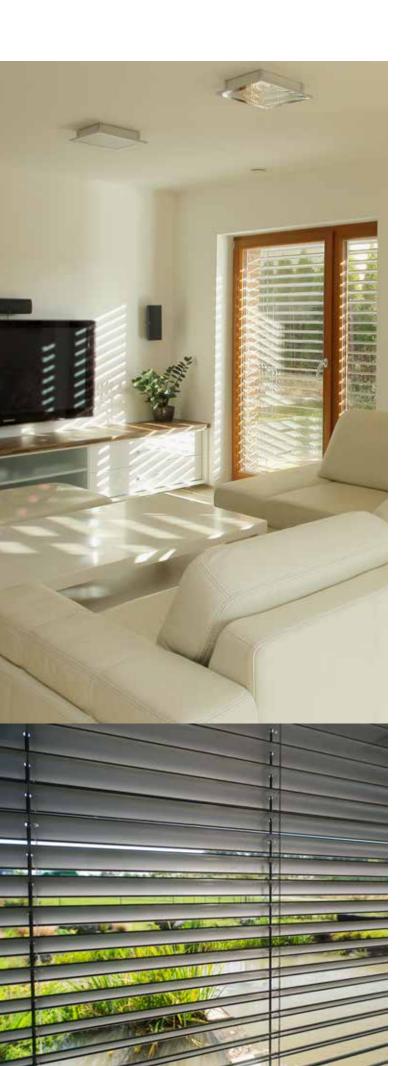
INCREASING THE SAFETY OF BUILDINGS,

DESIGN AND ARCHITECTURAL ELEMENT OF THE FACADE.

#### **ISOTRA** Quality

"ISOTRA QUALITY, a brand symbolizing years of tradition, innumerable investments into research and development, use of high-quality materials, technological advancement, reliable work of hundreds of employees and many more parameters, which together form one whole — final product of company ISOTRA a.s."





#### EXTERIOR BLINDS CETTA



#### EXTERIOR BLINDS SETTA



#### EXTERIOR BLINDS ZETTA



#### CHAIN BLIND TITAN



## Legend











... protecting your privacy.



# BLINDS CETTA

... practical variations.

The exterior blind Cetta is a favorite type for shading family houses and office buildings. We offer this type in many design versions. Flexi system or Slim system features a lower lap height while the Duo system is characterized by different tilting of slats in the top and bottom blind part.

Aluminium guidance channels provide stability of the blind under windy conditions and serve as a supporting element for securing the house against burglary. A variability of assembly as well as design makes this exterior horizontal blind a practical shielding element suitable for all types of objects.

Standard dim	ensions:						
		OTH lm]	HEIGHT [mm]		SURFACE [m²]		GUIDANCE ELEMENT
	min.	max.	max.	cord	handle	motor	
CETTA 50	400/600*	3 500	3 000	6	8	10	wire/guiding channel
CETTA 60 FLEXI	600	4 000	4 000	-	8	16	wire/guiding channel
CETTA 65	600	6 000	4 000	-	8	24	wire/guiding channel
CETTA 80 CETTA 80 - SLIM	600	6 000	4 000	-	8	24	wire/guiding channel
CETTA 80 FLEXI	600	4 000	4 000	-	8	16	wire/guiding channel
CETTA 80 FLEXI (CORNER BLIND)	600	3 000	4 000	-	7,5	12	wire/guiding channel
CETTA 100 FLEXI	600	4 000	4 000	-	8	16	wire/guiding channel

<sup>\*</sup> Min. width for electric control

#### Advantages of the Cetta blind

- Variability of the slat width: 50 mm, 65 mm, 80 mm,
- variability of the design: Duo system, Slim system, Flexi system (60, 80, 100),
- high degree of shading,
- thermoregulatory as well as protective effect,
- reduction of the ambient noise level,
- bottom rail from extruded aluminium,
- possibility of electrical control,
- maximum surface guaranteed: 24 m².

#### Control















#### Colours

RAL 9016

RAL 9010

RAL 1015

RAL 8014

RAL 7035

**RAL 9006** 

RAL 9007

RAL 7038

DB 703

RAL 7048

VSR 780

RAL 7022

RAL 7016

RAL 7021

RAL 9005

RAL 7016 S

RAL 9006 S

For Cetta Flexi: RAL 9016, 7022, 7035, 9005, 9006, 9007, DB 703 For Cetta 50: 01 - white, 14 - silver, RAL 9007 and 7016







	HEAD RAIL		HEAD RAIL BOTTOM RAIL SLAT		SIDE GUIDANCE	LADDER	TEXTILE TAPE
CETTA 50	Fe, 40 x 40*	AI, 58 x 60	Fe, 49 x 12	Al, 50 mm	Fe/PVC wire <b>Ø</b> 2,2 guiding channel (elox)	PES, 42 x 54	PES, 6 x 0,28
CETTA 60 - FLEXI	Fe, 56 x 58	Al, 58 x 60	Al, 64,5 x 12,7	Al, 60 mm	Fe/PVC wire <b>ø</b> 3,2 guiding channel (elox)	PES, 52 x 65	PES, 6 x 0,28
CETTA 65	Fe, 56 x 58	Al, 58 x 60	Al, 67 x 13	Al, 65 mm	Fe/PVC wire <b>ø</b> 3,2	PES, 60 x 70	PES, 6 x 0,28
CETTA 80	Fe, 56 x 58	Al, 58 x 60	Al, 80 x 13	Al, 80 mm	guiding channel	PES, 68 x 85	PES, 6 x 0,28
CETTA 80 - SLIM	Fe, 56 x 58	Al, 58 x 60	Al, 80 x 13	Al, 80 mm	(anodized)	PES, 68 x 85	PES, 6 x 0,28
CETTA 80 - FLEXI	Fe, 56 x 58	Al, 58 x 60	Al, 80 x 13	Al, 80 mm	Fe/PVC wire <b>Ø</b> 2,2 guiding channel (elox)	PES, 68 x 85	PES, 6 x 0,28
CETTA 100 - FLEXI	Fe, 56 x 58	AI, 58 x 60	Al, 103,5 x 17	Al, 100mm	Fe/PVC wire <b>ø</b> 3,2 guiding channel (elox)	PES, 92 x 105	PES, 6 x 0,28



# BLINDS SETTA

... combination of elegance and practicality.

The exterior blind Setta is a leader in exterior shading with regard to efficiency and design. S-shaped slats create a perfect compact surface when closed. Effectiveness of the exterior blind Setta is strengthened by its raceful appearance.

The thermoregulatory effect of the blind Setta is enhanced by a rubber piece pressed-in along the whole slat length. Aluminium guidance channels provide stability of the outside blind under windy conditions and serve as a supporting element for securing the house against burglary. A variability of assembly, elegance and perfect shading make this exterior horizontal blind a unique shielding element suitable for all types of objects.

Standard din	Standard dimensions:										
		OTH lm]	HEIGHT [mm]	SURFACE [m²]			GUIDANCE ELEMENT				
	min.	max.	max.	cord	motor						
SETTA 65	600	6 000	4 000	-	8	24	guiding channel				
SETTA 90	600	6 000	4 000	-	8	24	guiding channel				

#### Advantages of the Setta blind

- Elegant design with S-shaped slats,
- dual width of slats: 65 mm and 90 mm,
- high degree of shading,
- thermoregulatory as well as protective effect,
- reduction of the ambient noise level,
- bottom rail from extruded aluminium,
- possibility of electrical control,
- reduced blind noise (rubber piece pressed-in along the whole blind length),
- maximum surface guaranteed: 24 m².

#### Control











## Colours



RAL 9010

RAL 1015

RAL 8014

\*only for S90



RAL 7038

RAL 9006

RAL 9007

RAL 7048

VSR 780

RAL 7022

RAL 8019\*





RAL 9005

RAL 7016 S

RAL 9006 S





	HEAD	) RAIL	BOTTOM RAIL	SLAT	SIDE GUIDANCE	LADDER	TEXTILE TAPE
SETTA 65	Fe, 56 x 58	AI, 58 x 60	AI, 67 x 13	Al, 65 mm	guiding channel	PES, 60 x 9,5	PES, 8 x 0,34
SETTA 90	Fe, 56 x 58	AI, 58 x 60	Al, 93 x 14	Al, 90 mm	guiding channel	PES, 86 x 9,5	PES, 8 x 0,34
COLOUR	zinc-coated, sheet metal	pure aluminium	anodized Al.	from sampler	anodized	grey, black	grey, black



# BLINDS ZETTA

... passion for modern design.

The exterior blind Zetta is the most technologically advanced exterior blind suitable for shading family houses as well as office buildings. Z-shaped slats ensure perfect shading and have a modern feel.

The thermoregulatory effect of the blind Zetta is enhanced by a rubber piece pressed-in along the whole slat length. Aluminium guidance channels provide stability of the outside blind under windy conditions and serve as a supporting element for securing the house against burglary. A variability of assembly, elegance and perfect shading make this exterior horizontal blind a unique shielding element suitable for all types of objects.

Standard dim	Standard dimensions:											
	WII [m	DTH m]	HEIGHT [mm]			GUIDANCE ELEMENT						
	min.	max.	max.	cord	handle	motor						
ZETTA 70	600	6 000	4 000	-	8	18	guiding channel					
ZETTA 90	600	6 000	4 000	-	8	24	guiding channel					
ZETTA 90 CORNER BLIND)	600	3 000	4 000	-	7,5	12	guiding channel					

#### Advantages of the Zetta blind

- Modern design with Z-shaped slats,
- dual width of slats: 70 mm and 90 mm,
- high degree of shading,
- thermoregulatory as well as protective effect,
- reduction of the ambient noise level, bottom rail from extruded aluminium,
- possibility of electrical control,
- reduced blind noise (rubber piece pressed-in along the whole blind length),
- maximum surface guaranteed: 24 m².

#### Control













#### Colours



RAL 9010

RAL 1015

RAL 8014

\*only for Z90



**RAL 7038** 

RAL 9006

RAL 9007

DB 703

RAL 7048

VSR 780

RAL 7022

RAL 7016

RAL 7021

RAL 9005

RAL 7016 S

RAL 9006 S





ZETTA 70



	HEAD	) RAIL	BOTTOM RAIL	SLAT	SIDE GUIDANCE	LADDER	TEXTILE TAPE
ZETTA 70	Fe, 56 x 58	Al, 58 x 60	Al, 67 x 13	Al, 70 mm	guiding channel	PES, 60 x 9,5	PES, 8 x 0,34
ZETTA 90	Fe, 56 x 58	Al, 58 x 60	Al, 93 x 14	Al, 90 mm	guiding channel	PES, 80 x 9,5	PES, 8 x 0,34
COLOUR	zinc-coated, sheet metal	pure aluminium	anodized Al.	from sampler	anodized	grey, black	grey, black



# CHAIN BLIND TITAN

... practical variations.

TITAN 90 is the absolute top product among the exterior blinds. The chain blind TITAN 90 is the exterior blind with safety elements which protects the facility from violent intrusion. The whole system including the slat shape was newly developed by the ISOTRA development workplace.

All control and safety elements are not freely accessible (they are hidden in the guiding rails), which means that in the activated and enclosed state it prevents the blind handling from outsider. The new special shape of the slat results in the slat inter-locking in enclosed state without leaving any gaps. This type of slat is controlled only by motor. If the blind hits an obstacle during the downwards movement, the rest of the rolled blind remains in the obstacle position even after removing the obstacle (no free fall), and it also prevents manual handling of the blind upwards.

Standard dime	Standard dimensions:									
		OTH m]	HEIGHT [mm]		AREA [m²]	GUIDANCE				
	min.	max.	min. max.		engine					
TITAN 90	600	2 800	500	4 000	8	Side guiding				

#### Advantages and benefits

- High level of resistance to violent intrusion,
- high level of wind resistance,
- self-supporting blind,
- blinds using independent system for lifting and tilting of slats,
- packet stopping in contact with any obstacle and the rest of the rolled blind remains in the obstacle position even after removing the obstacle, no free fall,
- easy and quick replacement of damaged slats,
- own technologies, including component production and rolling mills,
- modern design.

#### Control









#### Colours



RAL 9006

RAL 9007

RAL 7016

RAL 7048

DB 703





	HEAD RAIL	BOTTOM RAIL	SLAT	SIDE GUIDANCE
TITAN 90	Fe 56 x 58	-	Al 90 mm	guiding channel
COLOUR	zinc-coated	-	from sampler	anodized

# BLINDS CETTA DESIGN VERSIONS

#### SLIM SYSTEM

Design version of the blind Cetta 80

- Meets the low lap height requirement while maintaining the strength of slats,
- specific assembling of slats (side alternating overlap of adjacent slats) with maintaining the possibility of guiding by strips,
- convenient solution when facing a lack of space for the lap.



#### **DUO SYSTEM**

Design version of the blind Cetta 65, Cetta 80 and Cetta 80-Flexi

- Allows splitting the blind into two parts with different slat tilting,
- provides a much greater variability of shading,
- recommended solution to office buildings, training rooms or conference halls.



DUO SYSTEM

#### FLEXI SYSTEM

Design version of the blind Cetta 80

- Low lap height in comparison with the blind Cetta 80 achieved by using slats without the longitudinal bend,
- convenient solution when facing a lack of space for the lap.



DUO AND FLEXI SYSTEM DETAIL

#### SLOPED BLIND

Design version of the blind Cetta 80 Flexi

- Asymmetric window shapes shading option,
- special mechanism equalizing different lengths of lifting tapes while pulling blind up or down.



#### SELF-SUPPORTING BLINDS

#### STS

- Self-supporting option for all type of External Venetian Blinds excluding Cetta 50.
- The maximum width for self-supporting blinds is 4 m.
  From 2.4 m to 4 m supplemented with a reinforcing profile.
- Installation on facade.

#### 

- Integrated insect screen as an option.
- Head-rail including slats comes integrated into pelmet.
- Under-plaster or visible option.
- Polystyrene can be used for under-plaster option.
- Only motor control.

#### **BRAVO**

- Head-rail including slats comes integrated into rounded pelmet.
- Eccentric head-rail placing.
- Suitable for smaller spaces.
- Only motor control.



STS - DETAIL



VIVA





#### **CORNER EXTERIOR BLIND**

#### CETTA 80F, ZETTA 90

- Shading of large corner windows.
- Without a central guide bar.
- Undisturbed view of the landscape.
- One motor for both blinds.
- Use for inner and outer corner.
- Low height of the roll.
- For exterior blinds Cetta 80F or Zetta 90.





CORNER EXTERIOR
BLIND CETTA 80F

CORNER EXTERIOR
BLIND ZETTA 90

## WINDPROOF EXTERIOR BLIND WINDSTABIL

- Technological increase in the windscreen resistence parameter via additional strings,
- lacksquare for exterior blinds Cetta 80 and Zetta 90,
- side line with the guide rail RS75 together with P018/2,
- max width 3 000 mm, max height 3 600 mm,
- max surface for engine drive: 9 m²,
- wind resistence class 5.

## EMERGENCY EXTERIOR BLIND EMERGENCY

- Immediate pulling up of the exterior blind in the case of an emergency or power failure (due to releasing of the safety lock),
- the assembly in front of the opening and into the opening,
- the system is controlled by the spring mechanism,
- $lack {f l}$  the slats are mounted horizontally with guiding in guide rails or wire,
- wind resistance according to the used slat shape.

## WIND RESISTANCE OF EXTERIOR BLINDS

	Encoded the control of the			F	Performance	(according to	width	of const	ruction hole)				Characterist
	Essential characteristics	Up to 2,0 m	2,0 - 3,	0 m 3	,0 - 4,0 m	4,0 - 4,5 m	4,5 -	5,0 m	5,0 - 5,5 m	5,5 - 5,8	m 5,8	8 - 6,0 m	Standard
Cetta 50 - channel	Wind resistance	4/7	3/6	,	2/5	1/4	C	)/3	0/2	0/1		0/0	EN 13659/Beaufor
	Max. wind speed	61	49		38	28		19	11	5		1	km/h
	Max. effective height wing					4 00	00 mm						
				F	Performance	(according to	ing to width of construction hole)						
	Essential characteristics	Up to 2,0	) m	2,0	) - 3,0 m	m 3,0 - 4,0 m			4,0 - 4,5	m	4,5 - 4	ı,8 m	Standard
Cetta 50 - wire	Wind resistance	1/4			0/3	(	1/2		0/1		0/0	0	EN 13659/Beaufo
	Max. wind speed	28			19		11		5		1		km/h
	Max. effective height wing					0/2 0/1 0/0  11 5 1  2 500 mm  nce (according to width of construction hole)  3,0 - 4,0 m 4,0 - 4,5 m 4,5 - 4,8 m  0/1 0/0 0/0  5 1 1 1  4 000 mm  nce (according to width of construction hole)  1/4 0/3 0/2 0/1 0/0  28 19 11 5 1  4 000 mm  nce (according to width of construction hole)  4 000 mm  nce (according to width of construction hole)  4 000 mm							
	Essential characteristics		Performance (according to width of construction hole)							Standard			
		Up to 2,0	) m	2,0	) - 3,0 m					m			
Cetta 50 - wire	Wind resistance	0/3			0/2								EN 13659/Beaufo
	Max. wind speed	19			11				1		1		km/h
	Max. effective height wing					4 00	0 mm						
	Essential characteristics		20.2							T = = = 0			Standard
6 65	We a second	Up to 2,0 m	2,0 - 3,		,0 - 4,0 m						m 5,8		
Cetta 65 - channel	Wind resistance	4/7	3/6		2/5								EN 13659/Beaufo
					1	km/h							
	Max. effective fleight wing					4 00	JO MIIII						
	Essential characteristics							_					Standard
		Up to 2,0 m		- 3,0 m	3,0 - 4,						-		
Cetta 65 - wire	Wind resistance	3/6		2/5	1/4								EN 13659/Beaufo
	Max. wind speed	49		38	28				11	5		1	km/h
	Max. effective height wing					2 50	00 mm						
					Performance	(according to	width	of const	ruction hole)				
	Essential characteristics	Up to 2,0 m	2.0	- 3,0 m	3,0 - 4,		4.5 m	_	- 4,8 m	4.8 - 5.0 m	5.0	- 6,0 m	Standard
Cetta 65 - wire	Wind resistance	2/5		1/4	0/3		)/2	-	0/1	0/0	-	0/0	EN 13659/Beaufo
	Max. wind speed	38		28	19		11		5	0		0	km/h
	Max. effective height wing						00 mm						
	0 0												
					Performance	(according to	width	of const	ruction hole)				
	Essential characteristics	Up to 2,0 m	2,0 - 3,		,0 - 4,0 m	4,0 - 4,5 m		5,0 m	5,0 - 5,5 m	5,5 - 5,8	m 5,8	8 - 6,0 m	Standard
Setta 65 - channel	Wind resistance	5/8	4/7	,	3/6	2/5	1	1/4	0/3	0/2		0/1	EN 13659/Beaufo
	Max. wind speed	74	61		49	38		28	19	11		5	km/h
	Max. effective height wing					4 00	00 mm						
					Performance	(according to	width	of const	ruction hole)				
	Essential characteristics	Up to 2,0	m	2,0 - 3,0		,0 - 4,0 m		0 - 4,5 n		- 4,8 m	48-	5,0 m	Standard
Setta 65 - wire	Wind resistance	3/6		2/5		1/4	.,,	0/3		0/2		)/1	EN 13659/Beaufo
	Max. wind speed	49		38		28		19		11		5	km/h
	Max. effective height wing						00 mm						
							· ·						
	Econolisis above to delice			F	Performance	(according to	width	of const	ruction hole)				Chambellered
	Essential characteristics	Up to 2,0	m	2,0 - 3,0	m 3	,0 - 4,0 m	4,0	0 - 4,5 n	n 4,5	- 4,8 m	4,8 -	5,0 m	Standard
Setta 65 - wire	Wind resistance	2/5		1/4		0/3		0/2		0/1	0	)/0	EN 13659/Beaufo
		20		20						_			

Max. wind speed

Max. effective height wing

38

28

11

4 000 mm

km/h

				Performance	e (according to	width of	construction	ion hole)				
	Essential characteristics	Up to 2,0 m	2,0 - 3,0 m	3,0 - 4,0 m	4,0 - 4,5 m	4,5 - 5,	0 m 5,0	0 - 5,5 m	5,5 - 5,8 m	5,8 - 6,0 m	Standard	
Setta 90 - channel	Wind resistance	5/8	4/7	3/6	2/5	1/4		0/3	0/2	0/1	EN 13659/Beaufo	
	Max. wind speed	74	61	49	38	28		19	11	5	km/h	
	Max. effective height wing			ı	4 00	00 mm						
				Performano	e (according to	width of	construction	ion hole)				
	Essential characteristics	Up to 2,0 m	2,0 - 3,0			- 4.5 m	4,5 - 4,8		i,8 - 5,0 m	5,0 - 6,0 m	Standard	
Setta 90 - wire	Wind resistance	3/6	2/5	1/4		0/3	0/2		0/1	0/0	EN 13659/Beaufo	
	Max. wind speed	49	38	28		19	11		5	1	km/h	
	Max. effective height wing	1				00 mm						
				Performance	e (according to	width of	construction	ion hole)				
	Essential characteristics	Up to 2,0 m	2,0 - 3,0	m 3,0 - 4,	0 m 4,0	4,5 m	4,5 - 4,8	8 m 4	ı,8 - 5,0 m	5,0 - 6,0 m	Standard	
Setta 90 - wire	Wind resistance	2/5	1/4	0/3	(	)/2	0/1		0/0	0/0	EN 13659/Beaufor	
	Max. wind speed	38	28	19		11	5		1	0	km/h	
	Max. effective height wing				4 00	00 mm						
				Performano	e (according to	width of	construction	ion hole)				
	Essential characteristics	Up to 2,0 m	2,0 - 3,0 m	3,0 - 4,0 m	4,0 - 4,5 m			0 - 5,5 m	5,5 - 5,8 m	5,8 - 6,0 m	Standard	
Zetta 70 - channel	Wind resistance	4/7	3/6	2/5	1/4	0/3	,	0/2	0/1	0/0	EN 13659/Beaufo	
	Max. wind speed	61	49	38	28	19		11	5	1	km/h	
	Max. effective height wing				4 00	00 mm						
				Dayfayaaaa	. (22224ina b			ion hala)				
	Essential characteristics	H- 1- 20	Performance (according to width of construction hole)  2.0 m					Standard				
7-11- 70	Wednesday	Up to 2,0 m				- 4,5 m	4,5 - 4,8		i,8 - 5,0 m	5,0 - 6,0 m	EN 12650/D6-	
Zetta 70 - wire	Wind resistance	3/6	2/5	1/4		0/3	0/2		0/1	0/0	EN 13659/Beaufo	
	Max. wind speed	49	38	28		19	11		5	1	km/h	
	Max. effective height wing				2 50	00 mm						
				Performano	e (according to	width of	construction	ion hole)				
	Essential characteristics	Up to 2,0 m	2,0 - 3,0			- 4,5 m	4.5 - 4.8		i,8 - 5,0 m	5,0 - 6,0 m	Standard	
Zetta 70 - wire	Wind resistance	2/5	1/4	0/3		)/2	0/1		0/0	0/0	EN 13659/Beaufo	
Zetta 70 - Wile	Max. wind speed	38	28	19		11	5		1	0	km/h	
		36	20	19		00 mm	J		'		KIII/II	
	Max. effective height wing				4 00	JO IIIIII						
	Essential characteristics				e (according to						Standard	
		Up to 2,0 m	2,0 - 3,0 m	3,0 - 4,0 m	4,0 - 4,5 m			0 - 5,5 m	5,5 - 5,8 m	5,8 - 6,0 m		
Zetta 90 - channel	Wind resistance	4/7	3/6	2/5	1/4	0/3		0/2	0/1	0/0	EN 13659/Beaufo	
	Max. wind speed	61	49	38	28	19		11	5	1	km/h	
	Max. effective height wing				4 00	00 mm						
				Performano	e (according to	width of	construction	ion hole)			Chandard	
	Essential characteristics U										Standard	
	Essential characteristics	Up to 2,0 m	2,0 - 3,0	m 3,0 - 4,	0 m 4,0	4,5 m	4,5 - 4,8	8 m 4	i,8 - 5,0 m	5,0 - 6,0 m	Standard	

28

3,0 - 4,0 m

0/3

19

19

2 500 mm

Performance (according to width of construction hole)

4,0 - 4,5 m

0/2

11

4 000 mm

11

4,5 - 4,8 m

5

0/1

4,8 - 5,0 m

0/0

5,0 - 6,0 m

0/0

0

km/h

Standard

EN 13659/Beaufort

km/h

Max. wind speed

Max. effective height wing

Essential characteristics

Wind resistance

Max. wind speed

Max. effective height wing

Zetta 90 - wire

49

Up to 2,0 m

2/5

38

2,0 - 3,0 m

1/4

28

## WIND RESISTANCE OF EXTERIOR BLINDS

				Performano	e (according to	width of const	ruction hole)				
	Essential characteristics	Up to 1,0 m	1,0 - 2,0 m	2,0 - 3,0 m	3,0 - 4,0 m	4,0 - 4,5 m	4,5 - 5,0 m	5,0 - 5,5 m	5,5 - 6,0 m	Standard	
Cetta 60 Flexi - channel	Wind resistance	4/7	3/6	2/5	1/4	0/3	0/2	0/1	0/0	EN 13659/Beaufort	
	Max. wind speed	61	49	38	28	19	11	5	1	km/h	
	Max. effective height wing	4 000 mm									
	Essential characteristics	Performance (according to width of construction hole)							Standard		
	Essertial characteristics	Up to 0,8 r	n 0,8 -	2,0 m	2,0 - 3,0 m	3,0 - 4,0 r	n 4,0 -	4,5 m	4,5 - 4,8 m	Standard	
Cetta 60 Flexi - wire	Wind resistance	3/6	2	/5	1/4	0/3	0.	/2	0/1	EN 13659/Beaufort	
	Max. wind speed	49	3	38	28	19	1	1	5	km/h	
	Max. effective height wing		2 500 mm								

	Essential characteristics			Standard				
	Essential characteristics	Up to 0,8 m	0,8 - 2,0 m	2,0 - 3,0 m	3,0 - 4,0 m	4,0 - 4,5 m	4,5 - 4,8 m	Standard
Cetta 60 Flexi - wire	Wind resistance	2/5	1/4	0/3	0/2	0/1	0/0	EN 13659/Beaufort
	Max. wind speed	38	28	19	11	5	1	km/h
	Max. effective height wing			4 00	0 mm			

	Essential characteristics		Perforr	nance (according to	width of construction	on hole)		Standard
	Essential Characteristics	Up to 2,0 m	2,0 - 3,0 m	3,0 - 4,0 m	4,0 - 4,5 m	4,5 - 5,0 m	5,0 - 6,0 m	Standard
Cetta 80 Flexi - channel	Wind resistance	2/5	1/4	0/3	0/2	0/1	0/0	EN 13659/Beaufort
	Max. wind speed	38	28	19	11	5	1	km/h
	Max. effective height wing			4 000	0 mm			

		Performance (according to width of construction hole)							
	Essential characteristics	Up to 2,0 m	2,0 - 2,5 m	2,5 - 3,0 m	3,0 - 3,4 m	3,4 - 3,8 m	3,8 - 4,0 m	Standard	
Cetta 80 Flexi - wire	Wind resistance	2/5	1/4	0/3	0/2	0/1	0/0	EN 13659/Beaufort	
	Max. wind speed	38	28	19	11	5	1	km/h	
	Max. effective height wing		2 500 mm						

	Essential characteristics		Perform	nance (according to	width of construction	on hole)		Standard
	Essential characteristics	Up to 2,0 m	2,0 - 2,5 m	2,5 - 3,0 m	3,0 - 3,4 m	3,4 - 3,8 m	3,8 - 4,0 m	Standard
Cetta 80 Flexi - wire	Wind resistance	1/4	0/3	0/2	0/1	0/0	0/0	EN 13659/Beaufort
	Max. wind speed	28	19	11	5	1	1	km/h
	Max. effective height wing 4 000 mm							

	Facantial above atoxistics			Standard						
	Essential characteristics	Up to 2,0 m	2,0 - 3,0 m	3,0 - 4,0 m	4,0 - 4,5 m	4,5 - 5,0 m	5,0 - 5,5 m	5,5 - 5,8 m	5,8 - 6,0 m	
Cetta 80 - channel	Wind resistance	4/7	3/6	2/5	1/4	0/3	0/2	0/1	0/0	EN 13659/Beaufort
	Max. wind speed	61	49	38	28	19	11	5	1	km/h
Max. effective height wing 4 000 mm										

Essential characteristics			Р	erformance (acco	ording to width of	construction hol	e)		Standard
	Essential characteristics		2,0 - 3,0 m	3,0 - 4,0 m	4,0 - 4,5 m	4,5 - 4,8 m	4,8 - 5,0 m	5,0 - 6,0 m	Standard
Cetta 80 - wire	Wind resistance	3/6	2/5	1/4	0/3	0/2	0/1	0/0	EN 13659/Beaufort
	Max. wind speed	49	38	28	19	11	5	1	km/h
	Max. effective height wing				2 500 mm				

	Essential characteristics			Standard					
		Up to 2,0 m	2,0 - 3,0 m	3,0 - 4,0 m	4,0 - 4,5 m	4,5 - 4,8 m	4,8 - 5,0 m	5,0 - 6,0 m	Standard
Cetta 80 - wire	Wind resistance	2/5	1/4	0/3	0/2	0/1	0/0	0/0	EN 13659/Beaufort
	Max. wind speed	38	28	19	11	5	1	0	km/h
	Max. effective height wing				4 000 mm				

Essential characteristics	Eccential characteristics		Perform	nance (according to	width of construction	on hole)		Standard
	Up to 0,8 m	0,8 - 2,0 m	2,0 - 3,0 m	3,0 - 4,0 m	4,0 - 4,5 m	4,5 - 4,8 m	Staridard	
Cetta 100 Flexi - wire	Wind resistance	3/6	2/5	1/4	0/3	0/2	0/1	EN 13659/Beaufort
	Max. wind speed	49	38	28	19	11	5	km/h
	Max. effective height wing			2 500	0 mm			

Essential characteristics	Eccential characteristics		Performance (according to width of construction hole)							
	Up to 0,8 m	0,8 - 2,0 m	2,0 - 3,0 m	3,0 - 4,0 m	4,0 - 4,5 m	4,5 - 4,8 m	Standard			
Cetta 100 Flexi - wire	Wind resistance	2/5	1/4	0/3	0/2	0/1	0/0	EN 13659/Beaufort		
	Max. wind speed	38	28	19	11	5	1	km/h		
	Max. effective height wing			4 000	) mm					

	Essential characteristics		Standard			
		Up to 1,0 m	1,0 - 2,0 m	2,0 - 3,0 m	3,0 - 4,0 m	Standard
Cetta 100 Flexi - channel	Wind resistance	4/7	3/6	2/5	1/4	EN 13659/Beaufort
	Max. wind speed	61	49	38	28	km/h
	Max. effective height wing		2 50	0 mm		

	Essential characteristics		Performance (according to	width of construction hole)		Standard
	Essential characteristics	4,0 - 4,5 m	4,5 - 5,0 m	5,0 - 5,5 m	5,5 - 6,0 m	Standard
Cetta 100 Flexi - channel	Wind resistance	0/3	0/2	0/1	0/0	EN 13659/Beaufort
	Max. wind speed	19	11	5	1	km/h
	Max. effective height wing		4 00	0 mm		

	Essential characteristics	Performance (according to width of construction hole)	Standard
Titan 90	Wind resistance	6/9	EN 13659/Beaufort
	Max. wind speed	88	km/h

	Essential characteristics	Performance (according to	width of construction hole)	Chandard
	Essential Characteristics	Up to 2,0 m	2,0 - 2,5 m	Standard
Cetta 80F TE	Wind resistance	2/5	1/4	EN 13659/Beaufort
	Max. wind speed	38	28	km/h
Max. effective height wing		2 500	) mm	

	Essential characteristics	Performance (according to	Standard	
	ESSENIIAI CHARACTERISTICS	Up to 2,0 m	2,0 - 2,5 m	Standard
Cetta 80F TE	Wind resistance	1/4	0/3	EN 13659/Beaufort
	Max. wind speed	19	11	km/h
	Max. effective height wing	4 000		

VIVA	Essential characteristics	Performance			
	Wind resistance	class 3, 4			

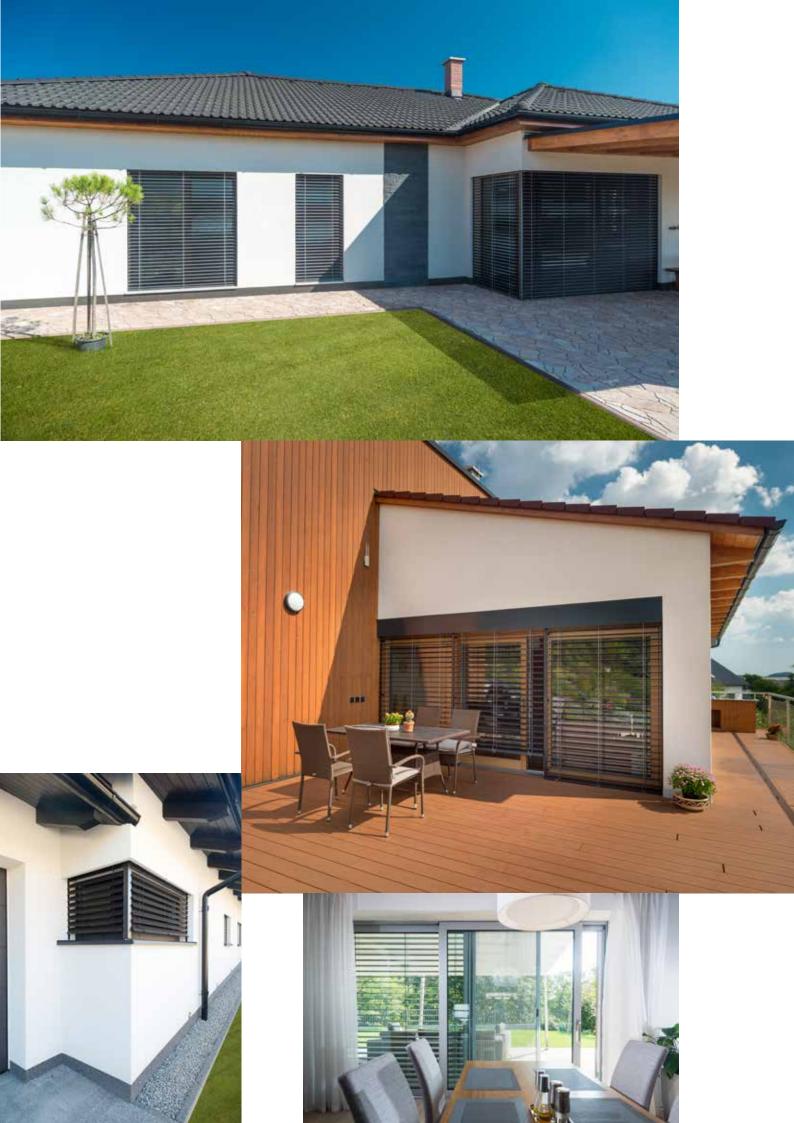
Windstabil (Z90, C80)	Essential characteristics		Standard					
	Essential Characteristics	Up to 2,0 m	2,0 - 3,0 m	3,0 - 4,0 m	4,0 - 4,5 m	4,5 - 5,0 m	5,0 - 5,4 m	Standard
	Wind resistance	5/8	4/7	3/6	2/5	1/4	0/3	EN 13659/Beaufort
	Max. wind speed	74	61	49	38	28	19	km/h
	Max. effective height wing							

Windstabil (Z90, C80)	Essential characteristics		Standard					
	Essential Characteristics	Up to 2,0 m	2,0 - 3,0 m	3,0 - 4,0 m	4,0 - 4,5 m	4,5 - 5,0 m	5,0 - 5,4 m	Standard
	Wind resistance	4/7	3/6	2/5	1/4	0/3	0/2	EN 13659/Beaufort
	Max. wind speed	61	49	38	28	19	11	km/h
	Max. effective height wing							

## SLATS COLOURS FOR EXTERIOR BLINDS

DUND TVOS		SETTA			CETTA					ZETTA	
BLIND TYPE		65	90	65	80	60 FLEXI	80 FLEXI	100 FLEXI	70	90	90
RAL 9016		0	0	0	0	0	0	0	0	0	•
RAL 9010		0	0	0	0	•	•	•	0	0	0
RAL 9002		0	0	0	0	•	•	•	0	0	•
RAL 1015		0	0	0	0	•	•	•	0	0	•
RAL 3004		000	000	• • •	• • •	•	•	•	***	000	•
RAL 8014		0	0	0	0	•	•	•	0	0	•
RAL 6005		0	0	0	0	•	•	•	0	0	•
RAL 5002		000	000	•••	• * •	•	•	•	•	000	•
RAL 7035		0	0	0	0	***	000	***	0	0	•
RAL 7038		0	0	0	0	•	•	•	0	0	•
RAL 9006		0	0	0	0	0	0	0	0	0	0
RAL 9007		0	0	0	0	0	0	0	0	0	0
DB 702		000	• • •	••	• • •	•	•	•	•••	000	•
DB 703		000	000	•••	• * •	• *•	000	• • •	• *•	000	• *•
RAL 7048		0	0	0	0	•	•	•	0	0	0
VSR 780		0	0	0	0	0	0	0	0	0	•
RAL 7022		0	0	0	0	0	0	0	0	0	•
RAL 7016		0	0	0	0	0	0	0	0	0	0
RAL 7021		000	000	• • •	• • •	•	•	•	***	000	•
RAL 9005		0	0	0	0	0	0	0	0	0	•
YW359F		•	• • •	•	•	•	•	•	•	000	•
RAL 7016 S		0	0	0	0	•	•	•	0	0	•
RAL 9006 S		0	0	0	0	•	•	•	0	0	•
W210		000	000	••	• **•	•	•	•	• • • • • • • • • • • • • • • • • • • •	000	•
RAL 8019		•	***	•	•	•	•	•	•	000	•

<sup>•</sup> Standard price and standard delivery • Non standard price and standard delivery • Price and delivery after consulting with SR





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