



# Product brochure

Rainwater management  
systems

[www.galeco.pl](http://www.galeco.pl)  
[www.galeco.global](http://www.galeco.global)





# GUTTER SYSTEMS ARE OUR GAME

BEYOND A SHADOW OF A DOUBT



*Wilfredo León*

Wilfredo León

# TABLE OF CONTENTS

## **SQUARE GUTTER SYSTEMS**

Galeco PVC <sup>2</sup>	4
Galeco STAL <sup>2</sup>	8
Galeco HIDDEN GUTTER	12
Heating cable system	16

## **HALF-ROUND GUTTER SYSTEMS**

Galeco PVC	18
Galeco STAL	20
Galeco LUXOCYNK	22

## **FLAT ROOFS**

Roof gullies - adapters - hopper heads	24
--	----

## **PVC SOFFIT**

Galeco NOVA	30
-------------	----





**Galeco  
PVC<sup>2</sup>**



Galeco PVC<sup>2</sup> is the next step into the future and an innovative approach to the gutter system.

The modern and stylish shape makes the new square gutter a perfect match for the latest trends in construction and architectural designs, as well the customers' aesthetic needs.

#### **System advantages:**



##### **Square profile of the gutter and the downspout**

Shape perfectly adopted to modern building designs. Additionally, the wide and deep profile of the gutter ensures higher flow capacity of the system.



##### **UV resistant material.**

Highest possible UV resistance due to carefully selected materials.



##### **Increased gloss of the gutters**

The high gloss of the system obtained thanks to the process of co-extrusion will let you enjoy its perfect appearance for many years.



##### **Increased leakproofness of the system**

By using a specially designed, innovative gutter sealing component.



##### **Support for architects - CAD/BIM databases**

Specially prepared CAD drawings will allow architects and designers to accommodate the system into the building design.



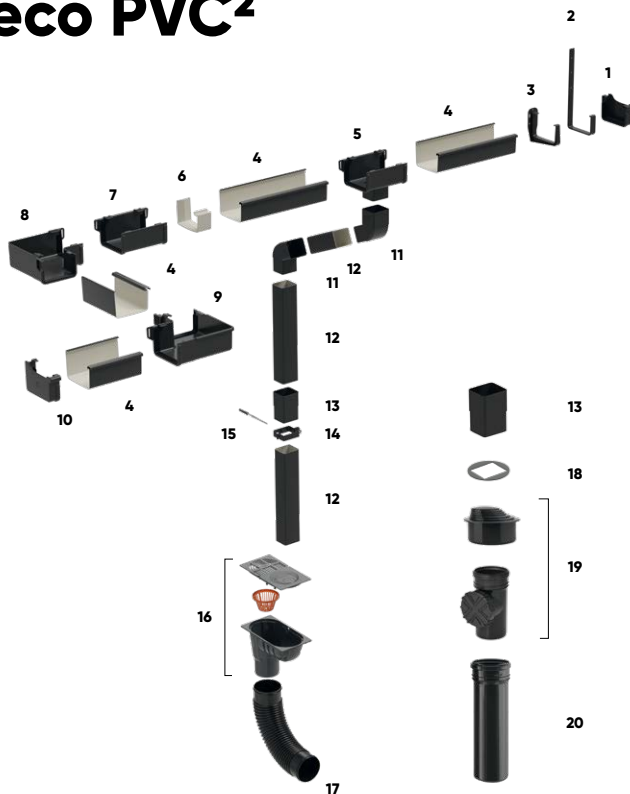
##### **10 year warranty**

against physical damage.



# System assembly

## Galeco PVC<sup>2</sup>



### List of components

1	Right endcap
2	Metal rafter bracket
3	Fascia bracket PVC
4	Gutter
5	Outlet
6	Sealing insert
7	Gutter connector
8	Internal corner 90°
9	External corner 90°
10	Left endcap
11	Elbow 67°
12	Downpipe
13	Socket
14	Metal pipe bracket for pegged screw
15	Double-thread pegged screw with long jacket
16	Universal gully (with basket and flap)
17	Elastic elbow
18	Flap for 70x80 downpipe
19	Vertical access pipe 110 with 80-110 reducer (set)
20	Pipe for access pipe 0,5 m diam. 110

### Capacity table

Downspout arrangement



Gutter type/ Downspout dimension

Gutter type/ Downspout dimension
135/70x80
90 m <sup>2</sup>
180 m <sup>2</sup>

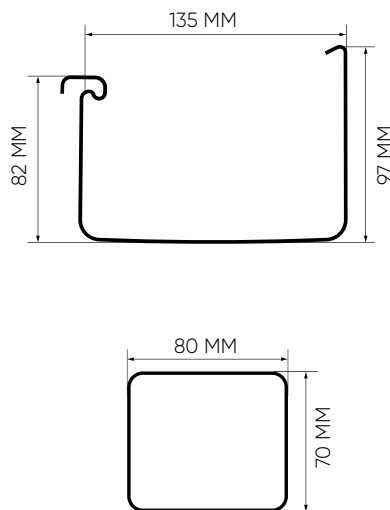
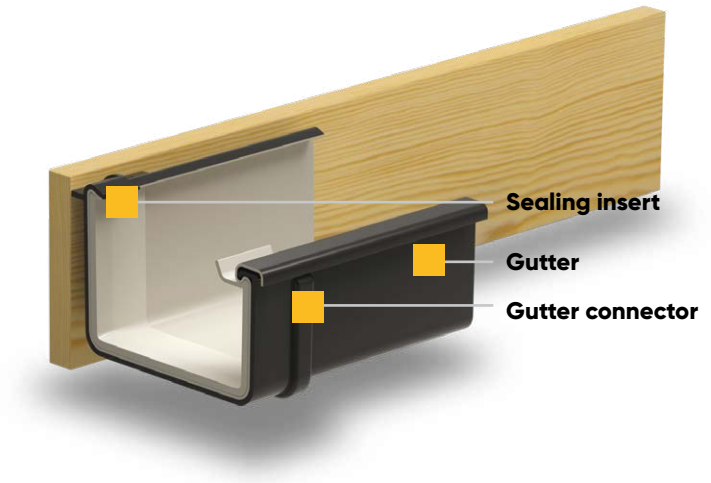
### Colours

~ RAL 7021	Y Graphite	■
~ RAL 9005	U Black	■

# Sealing insert

An innovative component that presses the gutter to the fitting where the main seal is located.

Corners of the square section gutter are prone to leaks, but sealing inserts make the gutter and the main seal perfectly adhere to each other, ensuring 100% leakproofness of all system joints.



## Size information

Galeco PVC<sup>2</sup> Gutter System 135/70x80 is designed for detached houses, larger residential buildings and small industrial objects. The rigid square section makes the gutter much more efficient than round section 135 mm gutters. The rectangle downspout section was designed for modern architecture solutions, perfectly matching the building body appearance.







**Galeco  
STAL<sup>2</sup>**





Galeco STAL<sup>2</sup> is a gutter system designed to provide modern and aesthetic solutions perfectly harmonising with the shape of the building.

Using the square steel gutter of the Galeco STAL<sup>2</sup> Gutter System enables a soffit gutter cover to be installed, which is snapped into the lower locks of the butt brackets. The solution allows the face of the gutter to be hidden and the bottom of the seals to be finished with a decorative Galeco NOVA soffit, making the eaves nice and smooth.

#### **System advantages:**



##### **Aesthetics of workmanship**

The geometric shape of the gutter/downspout and use of the decorative soffit gives the building body a very modern appearance.



##### **Soffit gutter cover**

The system allows for easy fitting of the soffit gutter cover that gives the impression of smooth eaves.



##### **Square section of the gutter and the downspout**

The shape optimally matched to the building façade additionally ensures greater system efficiency.



##### **Support for architects - CAD/BIM databases**

Specially prepared CAD drawings will allow architects and designers to accommodate the system into the building design.



##### **Gutters and downspouts protected with a plastic film**

The film protect them against scratches during transport.



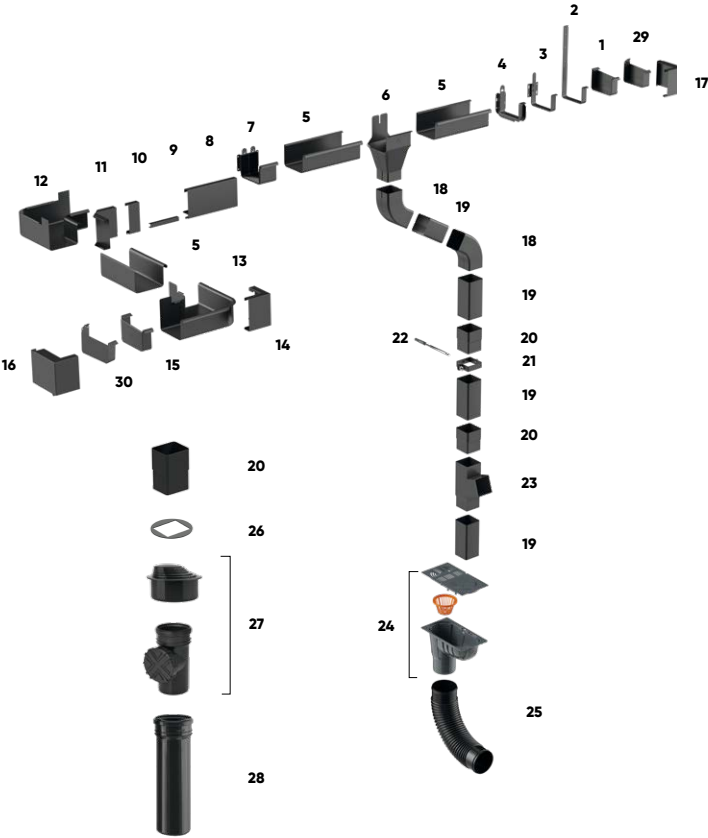
##### **35 year warranty**

granted for perforation corrosion.



# System assembly

## Galeco STAL<sup>2</sup>



### List of components

1	Right endcap PVC	16	Left endcap of the soffit fascia gutter mask
2	Rafter metal bracket	17	Right endcap of the soffit fascia gutter mask
3	Flat metal support bracket	18	Elbow 72°
4	Metal support bracket for soffit fascia gutter mask	19	Downpipe
5	Gutter	20	Socket
6	Underhung outlet 125/80 mm	21	Metal pipe bracket for pegged screw
7	Dilatation gutter joiner	22	Double-thread pegged screw with long jacket
8	Soffit fascia gutter mask	23	Branch 72°
9	Internal soffit fascia gutter mask joiner	24	Gully universal (with basket and flaps)
10	External soffit fascia gutter mask joiner	25	Elastic elbow
11	Internal corner of the soffit fascia gutter mask	26	Flap for 80x80 downpipe
12	Glued internal corner 90°	27	Vertical access pipe 110 with reducer 80-110 (set)
13	Glued external corner 90°	28	Pipe for access pipe 0,5 m diam. 110
14	External corner of the soffit fascia gutter mask	29	Right endcap steel
15	Left endcap PVC	30	Left endcap steel

### Capacity table

Downspout arrangement



Gutter type/ Downspout dimension

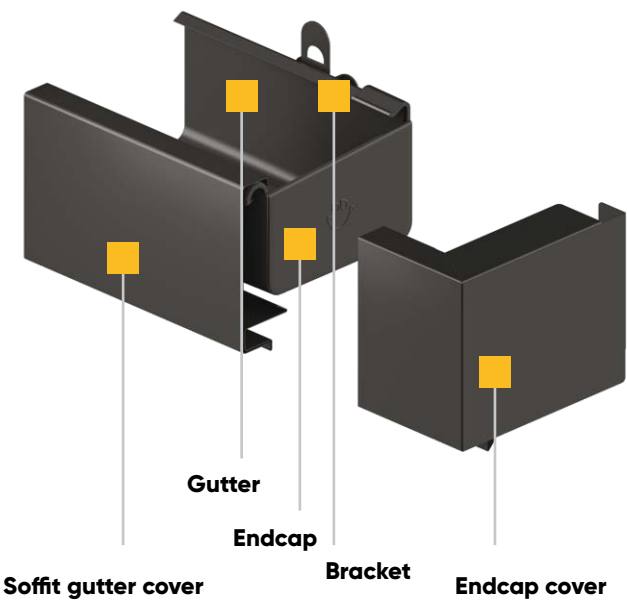
Gutter type/ Downspout dimension	125/80x80
	90 m <sup>2</sup>
	180 m <sup>2</sup>

### Colours

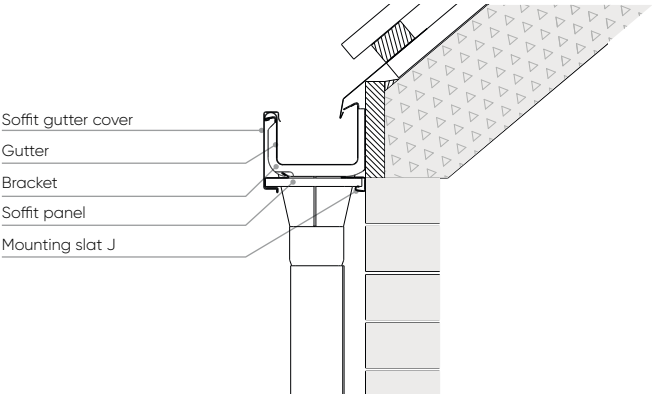
		125/80x80
~ RAL 7015	A Graphite	
~ RAL 9005	B Black	
~ RAL 9007	G Metallic anthracite	

# Soffit gutter cover

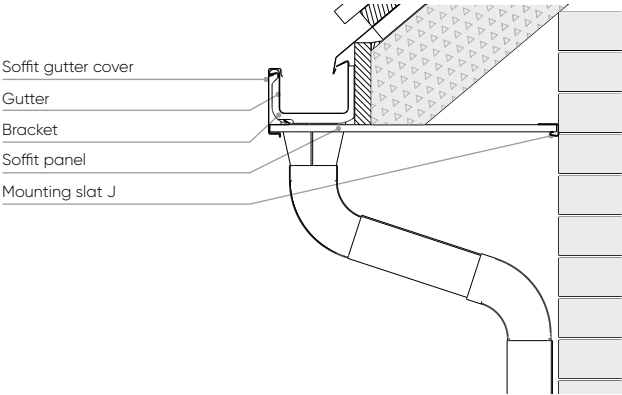
The steel square gutter gives a house with eaves a modern and aesthetic look. This is possible thanks to the soffit gutter cover, snapped to the fascia brackets, hiding the front of the gutter and giving the effect of a smooth eaves finish. Dedicated metal LH and RH endcaps covers are available. They cover the plastic endcaps of the gutter, so no further flashing works are required.



Installation cross-section on a roof without eaves



Installation cross-section on a roof with eaves





# **Galeco HIDDEN GUTTER**





GALECO  
**HIDDEN  
GUTTER**  
SYSTEM

Galeco HIDDEN GUTTER system is an innovative gutter system dedicated for installation inside the insulation of buildings without traditional eaves.

The sophisticated design allows the Galeco HIDDEN Gutter System to fit perfectly into the shape of the building, making it aesthetic and modern-looking. By using the hidden gutter and downspouts solution, even the most innovative building designs can be executed without marring the façade with traditional downspouts.

**System advantages:**



**Gutter cover**

The system allows for easy fitting of the face gutter cover that gives the impression of smooth eaves.



**Increased leakproofness of the system**

If properly installed, the system is entirely safe and tight, without any risk of leakage into insulation.



**Square section of the gutter and the downspouts**

Optimally suited for mounting inside the façade, providing even greater efficiency.



**Support for architects - CAD/BIM databases**

Specially prepared CAD drawings will allow architects and designers to accommodate the system into the building design.



**Aesthetics of workmanship**

The geometric shape of the gutter/downspout and the gutter covers gives the building body a very modern appearance.



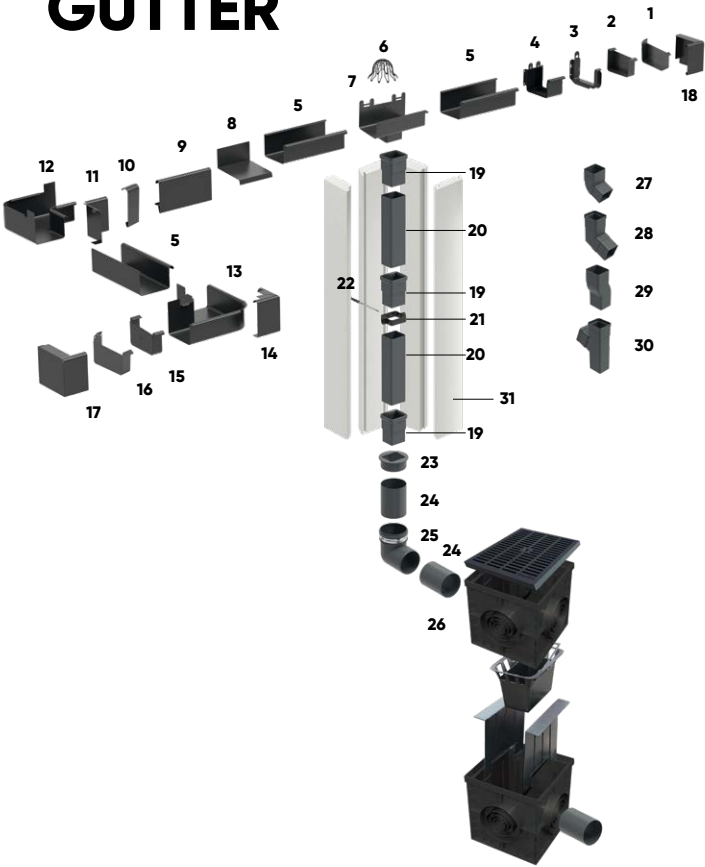
**10 years warranty**

against perforation corrosion, mechanical durability and leakproofness of the system.

# System assembly

## Galeco HIDDEN

### GUTTER



#### Capacity table

Downspout  
arrangement



Gutter type/ Downspout dimension

125/70x80

90 m²

180 m²

#### List of components

1	Right endcap steel	16	Left endcap PVC
2	Right endcap PVC	17	Left endcap for fascia gutter mask
3	Fascia gutter mask metal fascia bracket	18	Right endcap for fascia gutter mask
4	Dillatation gutter joiner	19	Socket with rubber
5	Gutter	20	Pipe
6	Basket for outlet	21	Pipe steel bracket
7	Glued outlet (with socket with rubber)	22	Double-thread pegged screw with long jacket
8	Soffit section	23	Reducer 80/110 mm
9	Fascia gutter mask	24	Sewer pipe
10	Fascia gutter mask joiner	25	Elbow 110mm 88°
11	Internal corner for fascia gutter mask	26	Drain box 300x300x300 mm (with grill, separators and basket)
12	Glued internal corner 90°	27	Elbow 67°
13	Glued external corner 90°	28	Untypical side elbow
14	External corner for fascia gutter mask	29	Offset pipe (1-9 cm)
15	Left endcap steel	30	Untypical side branch
		31	Thermal insulation casing for pipe 1,2 m

#### Colours of the gutters

~ RAL 7015	A Graphite	■
~ RAL 9005	B Black	■

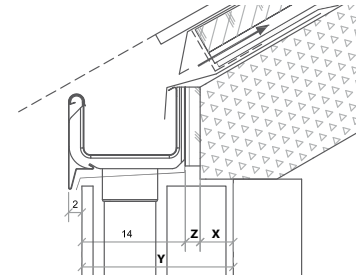
#### Available cover colours

~ RAL 7015	A Graphite	■
~ RAL 7016	Y Graphite matt	■
~ RAL 9005	B Black	■
~ RAL 9005	U Black matt	■
~ RAL 9007	G Metallic anthracite	■

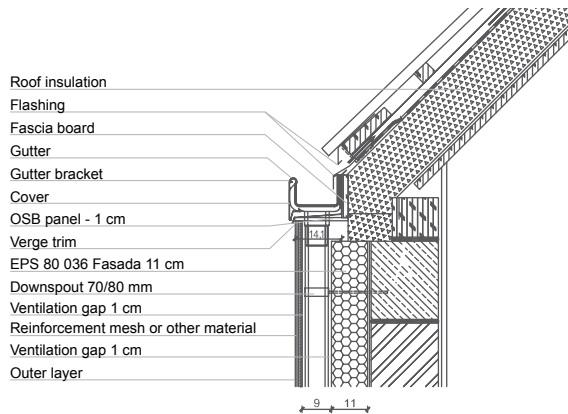
# Rafter protrusion formula

$$X = Y - 14 - Z$$

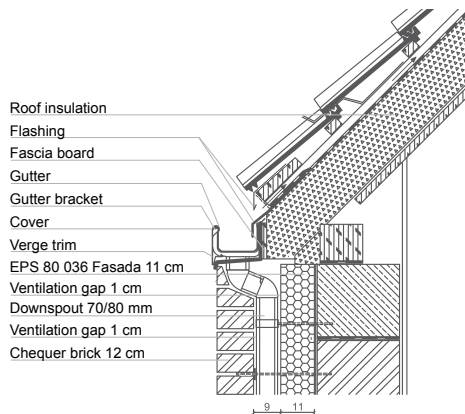
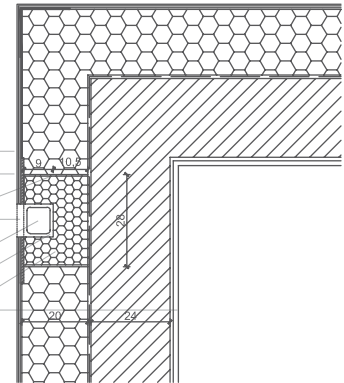
- X [cm] - distance of the rafter protrusion inside the cavity
- Y [cm] - insulation thickness + façade finish
- Z [cm] - fascia board thickness
- 14 [cm] - width from the cover face to the rear surface of the bracket



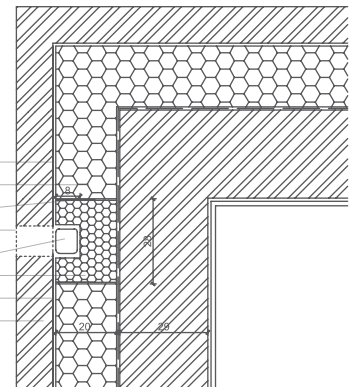
## Cross-section of the joint between the gutter and the downspout / horizontal view / plastered façade



- Thermal insulation 20 cm
- Reinforcement mesh or other material
- Installation foam
- Air grate min. 1 cm above the ground level
- Downspout 70/80 mm
- Ventilation gap 1 cm
- Thermal insulation 20 cm
- Outer layer



- Ventilation gap
- Thermal insulation 20 cm
- Installation foam
- Air grate min. 1 cm above the ground level
- Downspout 70/80 mm
- Thermal insulation 20 cm
- Ventilation gap
- Curtain wall from chequer brick 12 cm



# SelfTec® PRO heating cable system

Galeco gutters equipped with the heating cable system will prevent accumulation of ice and snow, stopping water seepage on the façade and ensure your peace of mind and a smile for many years.

## System advantages:



### **Economical operation**

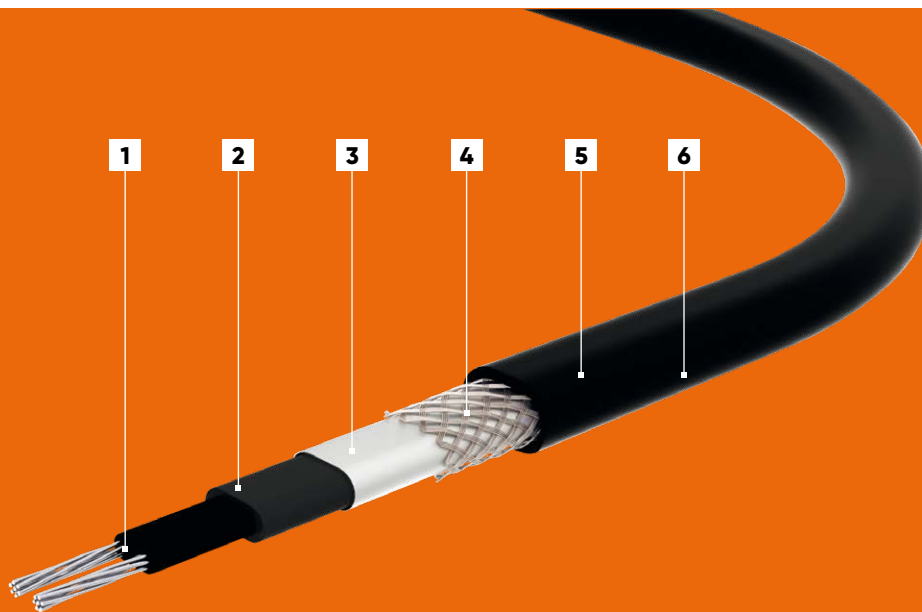
A controller and sensors switch the system off automatically depending on the weather conditions.



### **Versatility**

The heating cables can be laid in all types of gutter, no matter what shape or material they are made of.





## SelfTec<sup>®</sup> heating cable cross section

- 1 Conductor made of galvanised copper wires
- 2 Self-regulating conductive polymer
- 3 Modified polyolefine insulation
- 4 Screen – plastic sheet AL/PET
- 5 Screen – braid made of galvanised copper wires
- 6 External coating made of UV resistant, halogen-free plastic

### Installing the cables in half-round gutters

The heating cables can be laid in all types of gutter. The cables are installed using dedicated clips for half-round gutters. The clip spacing should not be greater than 30 cm. Normally, two cables are laid in the gutter, but in gutters and downspouts of diameter 12 cm or smaller or in mild winter areas one cable is normally sufficient.



Mounting of the heating cables in the half-round gutters



Mounting of the heating cables in the square gutters

### Installing the heating cables in square gutters

The heating cables are designed particularly for the square gutters used in the Galeco HIDDEN GUTTER system that is equipped with square downspouts, hidden in the façade.

The gutter heating solution significantly decreases the risk of water freezing in the critical areas of the downspout line, and its fitting is one of the warranty conditions for this type of the gutter system.



Supporting rope for multi-storey buildings



## **The new quality gutter system, manufactured according to state-of-the-art co-extrusion technology.**

A specially developed PVC material has increased resistance to UV radiation and ensures colour durability in changing weather conditions, as well as high and long-lasting gloss.



### **Innovative shape of the gutter**

Prevents water overflow, even during heavy rainfall.



### **UV resistant material.**

The high gloss of the surface achieved in the process of co-extrusion allows users to enjoy the perfect look of the system components for years to come.



### **Tensile strength of the system**

Due to the bright internal surface of the long components, the system heats up even 15% less.



### **The first adjustable corner on the market**

significantly reduces the time and cost of the gutter system installation.



### **Specially profiled gutter bracket**

with high bearing strength.

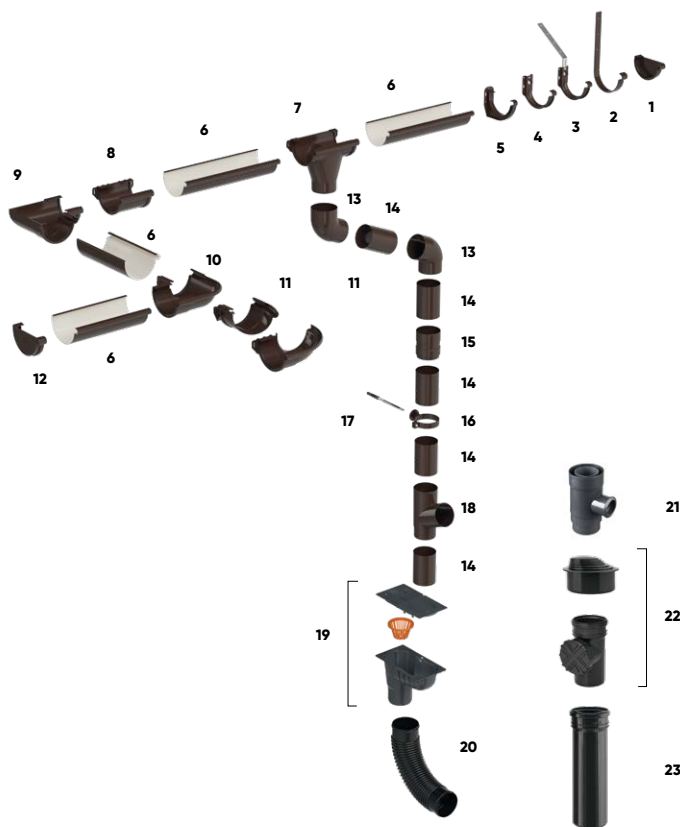


### **10 year warranty**

against physical damage.

# System assembly

## Galeco PVC



### List of components

1	Right endcap
2	Rafter metal bracket
3	Metal fascia bracket with support
4	Metal fascia bracket
5	PVC fascia bracket
6	Gutter
7	Seal-free outlet
8	Connector
9	Internal corner 90°
10	External corner 90°
11	External corner with adjustable angle
12	Left endcap
13	Elbow 67°
14	Downpipe
15	Socket
16	Metal pipe bracket for pegged screw
17	Double-thread pegged screw with long jacket
18	Branch 67°
19	Gully universal (with a basket and flap)
20	Elastic elbow
21	Rainwater diverter
22	Vertical access pipe 110 with reducer 80-110 (set)
23	Pipe for access pipe 0,5m diam. 110

### Colours

		90/50	110/80	130/80	130/100	150/100
~ RAL 8019	V Dark brown	■	■	■	■	■
~ RAL 9010	W White		□	□	□	
~ RAL 9005	B Black	■	■	■	■	
~ RAL 7038	G Light grey					■
~ RAL 7021	A Graphite	■	■	■	■	■
~ RAL 8017	K Chocolate brown			■	■	

### Capacity table

Downspout arrangement



	Gutter type/ Downspout dimension				
	90/50	110/80	130/80	130/100	150/100
Single downspout	36 m²	58 m²	99 m²	99 m²	148 m²
Double downspout	73 m²	116 m²	198 m²	198 m²	296 m²



**When you build a house, you think of your children, but also your grandchildren.**

This is why we have developed a robust and long-lasting solution to assure comfortable use and a smile on your face for many years. Galeco STAL gutter system guarantees long term satisfaction.

**System advantages:**



**Innovative shape of the gutter**

Prevents water overflow, even during heavy rainfall.



**Gutters and downspouts protected with a plastic film**

The film protects them against scratches during transport.



**High durability of metal sheets**

thanks to the application of 4 protective layers, providing protection against weather conditions.



**Deep gutter profile**

A steel gutter deeper than gutters of other systems available on the market, which guarantees higher effectiveness of water draining.



**The first adjustable corner on the market**

significantly reduces the time and cost of the gutter system installation.



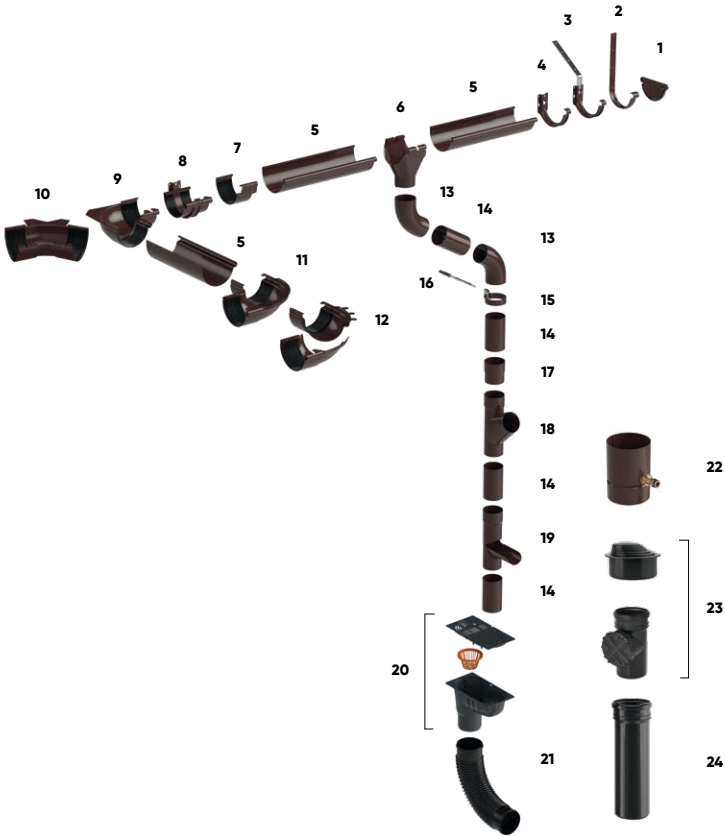
**35 year warranty**

against perforation corrosion.



# System assembly

## Galeco STAL



### List of components

1	Universal endcap	14	Downpipe
2	Rafter bracket/reinforced	15	Metal pipe bracket for pegged screw
3	Fascia bracket with support	16	Double-thread pegged screw with long jacket
4	Fascia bracket	17	Socket
5	Gutter	18	Branch 67
6	Outlet	19	Water trap
7	Clamp connector	20	Gully universal (with a basket and flap)
8	Gutter-bracket connector	21	Elastic elbow
9	Sealed internal corner 90°	22	Rainwater diverter with connection to a garden hose
10	Adjustable internal corner 105-135°	23	Vertical access pipe 110 with reducer 80-110 (set)
11	Sealed external corner 90°	24	Pipe for access pipe 0,5m diam. 110
12	Adjustable external corner 100-165°		
13	Elbow 60°		

### Colours

120/90 135/90 135/100 150/100 150/120

#### STEEL

~ RAL 7015	A Graphite	■	■	■	■	■
~ RAL 8004	D Brick-red		■	■		
~ RAL 8019	V Dark brown	■	■	■	■	■
~ RAL 8017	E Chocolate brown	■	■	■		
~ RAL 9003	W White		□			
~ RAL 9005	B Black	■	■	■		
~ RAL 3009	R Dark red		■	■		

#### SEMI-MATT STEEL

~ RAL 7016	Y Graphite	■	■	■		
~ RAL 9005	U Black	■	■	■		
~ RAL 8017	K Chocolate brown	■	■	■		

#### METALLIC STEEL

~ RAL 8007	H Copper		■			
~ RAL 9007	G Anthracite		■			
~ RAL 9006	I Silver		■	■	■	■

### Capacity table

Downspout arrangement



Gutter type/ Downspout dimension						
		120/90	135/90	135/100	150/100	150/120
Single downspout	60 m²	110 m²	110 m²	150 m²	150 m²	
	120 m²	220 m²	220 m²	300 m²	300 m²	



# Galeco LUXOCYNK

GALECO  
LUX  
OCYNK  
SYSTEM

## **Galeco LUXOCYNK is a product based on steel system solutions.**

Made of the highest quality galvanized steel coated with a transparent, organic protective layer, thus a solid coating that protects the steel against corrosion.

### **System advantages:**



#### **Innovative shape of the gutter**

Water overflow prevention, even during heavy rainfall.



#### **Gutters and downspouts protected with a plastic film**

The film protects them against scratches during transport.



#### **Deep gutter profile**

A steel gutter that is deeper than gutters of other systems available on the market, which guarantees higher effectiveness of water draining.



#### **Sealed connections**

thanks to sealed corners made of coated sheet metal.



#### **The first universal corner on the market**

Adjustable, significantly reducing time and cost of the gutter system installation.

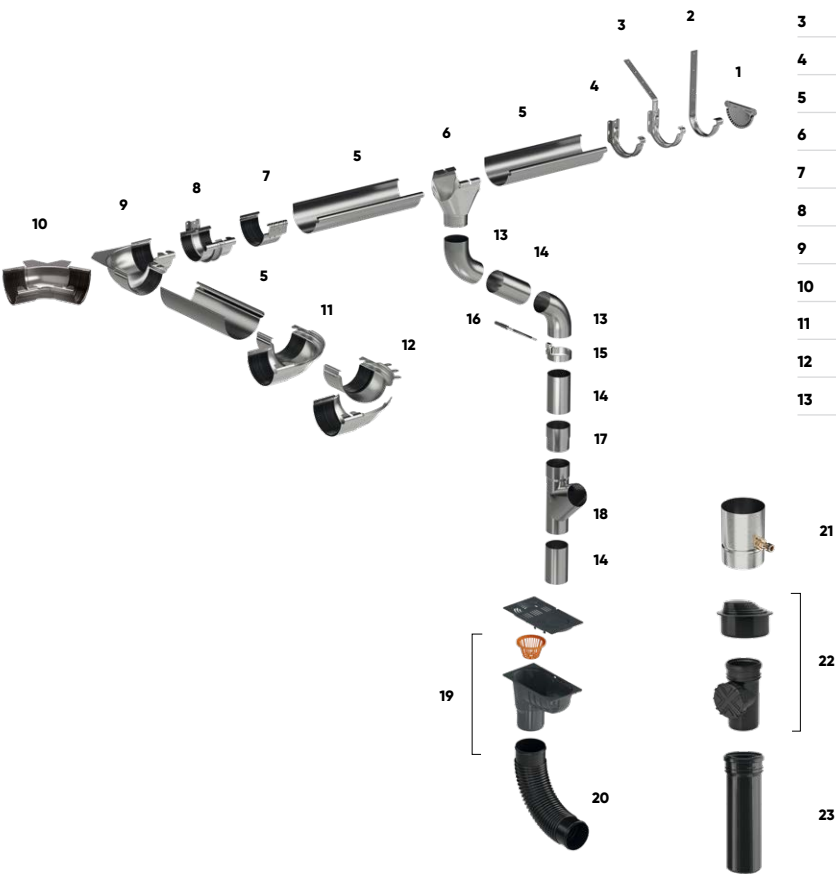


#### **10 year warranty**

granted for perforation corrosion.

# System assembly

## Galeco LUXOCYNK



### List of components

1	Universal endcap	14	Downpipe
2	Rafter bracket	15	Metal pipe bracket for pegged screw
3	Fascia bracket with support	16	Double-thread pegged screw with long jacket
4	Fascia bracket	17	Socket
5	Gutter	18	Branch
6	Outlet	19	Gully universal (with a basket and flap)
7	Clamp connector	20	Elastic elbow
8	Half round connector	21	Vertical access pipe 110 with reducer 80-110 (set)
9	Sealed internal corner 90°	22	Rainwater diverter with connection to a garden hos
10	Adjustable internal corner 105-135°	23	Pipe for access pipe 0,5m diam. 110
11	Sealed external corner 90°		
12	Adjustable external corner 100-165°		
13	Elbow 60°		

### Capacity table

Downspout arrangement



	Gutter type/ Downspout dimension				
	120/90	135/90	135/100	150/100	150/120
Single downspout	60 m²	110 m²	110 m²	150 m²	150 m²
Double downspout	120 m²	220 m²	220 m²	300 m²	300 m²

### Colours

~ RAL 9023 L Silver natural

120/90 135/90 135/100 150/100 150/120





An aerial photograph of a modern, rectangular building with a flat roof and large glass walls. The building is surrounded by lush greenery, including trees and bushes. The interior of the building is visible through the glass walls, showing a living area with a sofa and a dining area with a table. The roof is dark and flat. The text "Galeco FLAT ROOFS" is overlaid on the image in a large, white, sans-serif font.

# Galeco FLAT ROOFS





GALECO  
**FLAT  
ROOFS**  
SYSTEM

# FLAT ROOFS - drainage

The Galeco system enables the flat roof drainage to be easily connected with the square and traditional section downspouts, forming a coherent whole with the building body.

## System advantages:



### 3 in 1 comprehensiveness

The selection of the roof outlet model and the selected adapter variant connected with a sewage downspouts allows for comprehensive adaptation of a given solution to an individual project



### Innovative solution

The only systemic and comprehensive solution on the market with a parapet wall pass, checked for quality and with the manufacturer's warranty.



### Aesthetics and design

The system enables flat roofs to be connected with the most fashionable square section downspouts and traditional round downpipes.



### Versatility

Drain variants with different flange materials are available: bitumen, PVC and EPDM membrane.



### High insulation rate

The highest production quality and material selection ensure excellent thermal and UV resistance.



### Product availability

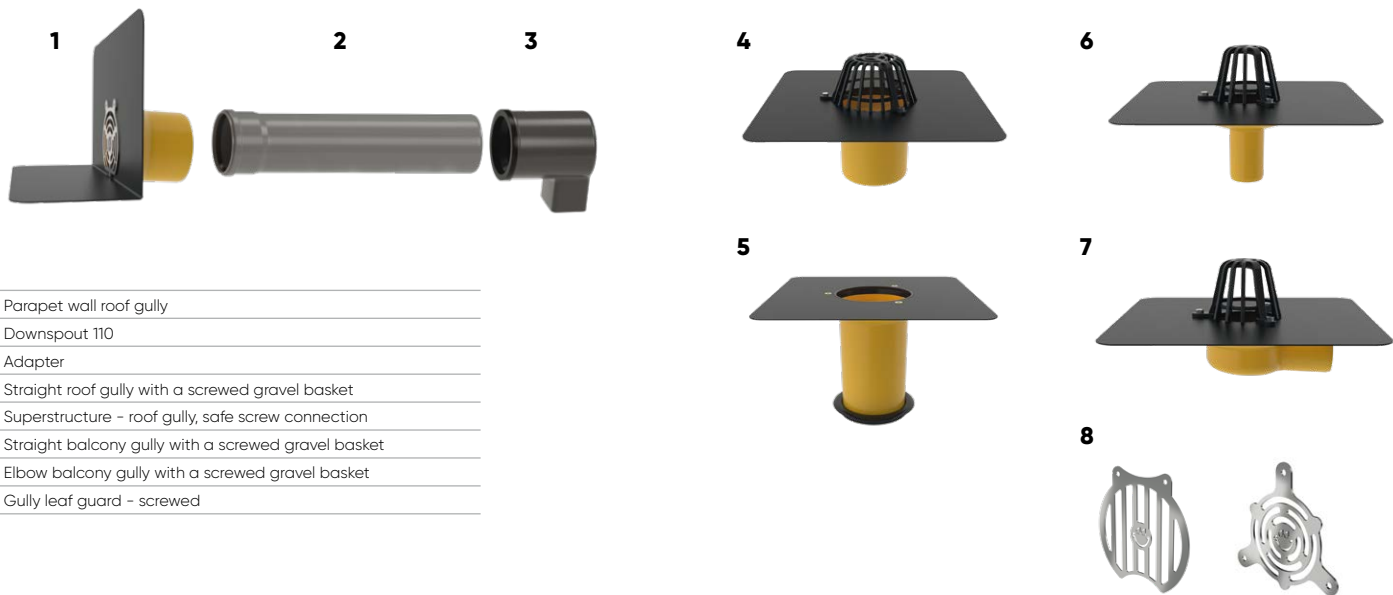
The wide logistics network makes all products easily available in all point of sales supplied by Galeco.





# Roof gullies and parapet wall gullies

## Galeco drain



1	Parapet wall roof gully
2	Downspout 110
3	Adapter
4	Straight roof gully with a screwed gravel basket
5	Superstructure - roof gully, safe screw connection
6	Straight balcony gully with a screwed gravel basket
7	Elbow balcony gully with a screwed gravel basket
8	Gully leaf guard - screwed

### Capacity table

Model	Size	Capacity (in m²) when used in a traditional flat roof (1,0)	Capacity (in m²) when used in a green flat roof (0,5)	Capacity (in m²) when used in a green flat roof (0,3)
Parapet wall gully	75	65	130	220
Parapet wall gully	110	95	190	320
Vertical roof gully	110	240	480	800
Vertical roof gully	125	310	625	1040
Vertical roof gully	160	300	590	990
Vertical roof gully	200	300	590	990
Horizontal roof gully	110	210	420	700
Staright balcony gully	50	140	280	460
Staright balcony gully	75	140	280	460
Elbow balcony gully	50	130	260	430
Elbow balcony gully	75	130	260	430

#### Performance of the sets is maintained under the following assumptions:



- gullies installed keeping 1 meter horizontal offset to the downspout
- all performance measurements are made with the gully basket installed, in accordance with PN-EN1253-2
- gullies with steel downspouts are glued on the downspout connections and the downspout/adapter connections
- water downflow factors:
  - a) traditional flat roof with a bitumen, PVC or EPDM membrane - 1.0
  - b) gravel roof or green flat roof with a substrate thickness up to 10 cm - 0.5
  - c) green roof with a substrate thickness over 10 cm - 0.3
- standard rainfall assumed for the calculations is 300 l/w x h

# Innovative Adapter

The adapter allows the roof and the parapet gullies to be connected with the square and round downspouts in a simple and convenient way, ensuring efficient water drainage from flat roofs and terraces, while maintaining the aesthetics of building body simplicity.



## Colours of adapters

~RAL 7024/ ~RAL 7021	A/Y	Graphite	
~ RAL 9005	B/U	Black	







Adapters are available in a configuration compatible with the 80x80 mm steel downspouts, with steel round downspouts ø 90 and 100, PVC round downspouts ø 100 mm, installed outside the façade and the 70x80 mm PVC downspouts that can be installed both outside and inside the building insulation layer.




# Hopper heads

The hopper heads are emergency drainage components, available in sizes to connect with the round downpipe 90 mm and 100 mm of the Galeco STAL system and with the square downpipes 80x80 mm of the Galeco STAL<sup>2</sup> system.



## Colours of hopper heads

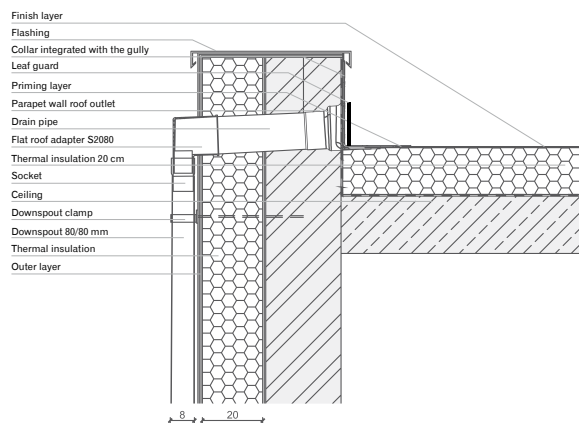
~ RAL 7015	A	Graphite	
~ RAL 9005	B	Black	
~ RAL 8017	E	Chocolate brown	
~ RAL 7016	Y	Graphite SEMI-MATT	
~ RAL 9005	U	Black SEMI-MATT	
~ RAL 8017	K	Chocolate brown SEMI-MATT	

~ RAL 7015	A	Graphite	
~ RAL 9005	B	Black	
~ RAL 9007	G	Antracyt METALIC	

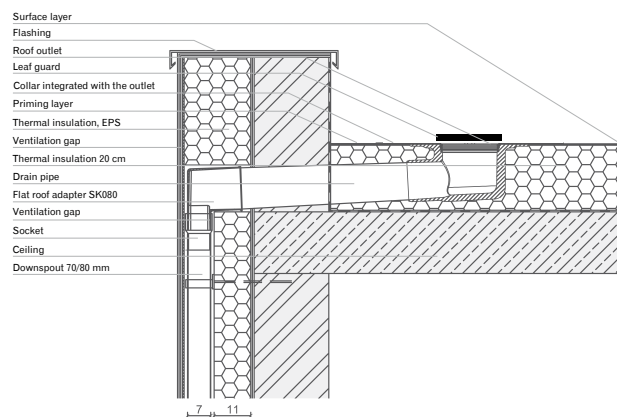




## Cross-section of the parapet wall gully with adapter and steel downspout 80x80 Horizontal view



## Cross-section of the roof gully with adapter and PVC downspout 70x80 Horizontal view







**A decorative soffit intended for covering eaves of the roof outside the building.**

The Galeco NOVA soffit makes it possible to increase aesthetics of the building in a quick and easy way.

Its low weight also enables installation on lightweight buildings.

**System advantages:**



**Aesthetics of workmanship**

Thanks to a comprehensive system of mounting strips, the soffit can be fitted on any type of roof eaves.



**No maintenance required**

Unlike wood and metal, PVC material requires no maintenance.



**Easy assembly**

Optimum design of the soffit components allows simple and fast installation.



**Weather resistant**

By using the highest quality PVC, the soffit retains its physical qualities regardless of weather conditions.



**Flexibility and mechanical resistance**

during installation due to optimized production processes.



**10 year warranty**

against physical damage.



# System components



Non-perforated soffit



Perforated soffit



External corner



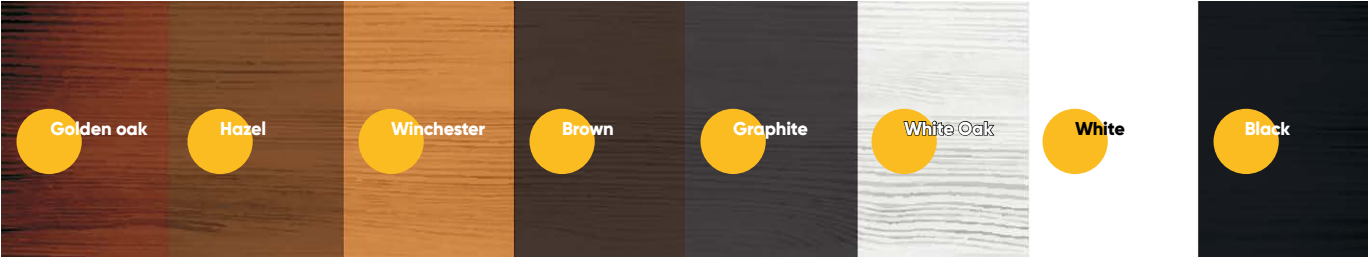
"J" type assembly slat



"H" type assembly slat

Element	Size
Non-perforated soffit	295 x 4000 mm (1 panel = 1.18 m²)
perforated soffit	295 x 4000 mm (1 panel = 1.18 m²)
"J" type assembly slat	4000 mm
"H" type assembly slat	4000 mm
external corner	4000 mm

## Colours





## **| Galeco Sp. z o.o.**

ul. Uśmiechu 1,  
32-083 Balice (near Cracow)

**NIP: 679 25 94 371**

Phone: +48 12 258 32 00  
[galeco@galeco.pl](mailto:galeco@galeco.pl)

**[www.galeco.pl](http://www.galeco.pl)**  
**[www.galeco.global](http://www.galeco.global)**

