



roma

ROLLADEN  
RAFFSTOREN  
TEXTILSCREENS

# ROMA

## zip.SCREEN Brochure



**LAROS**<sup>®</sup>  
TECHNOLOGIES



HIGH-PERFORMANCE BUILDING ENVELOPE SOLUTIONS

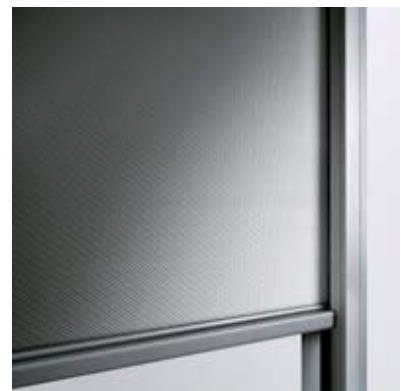
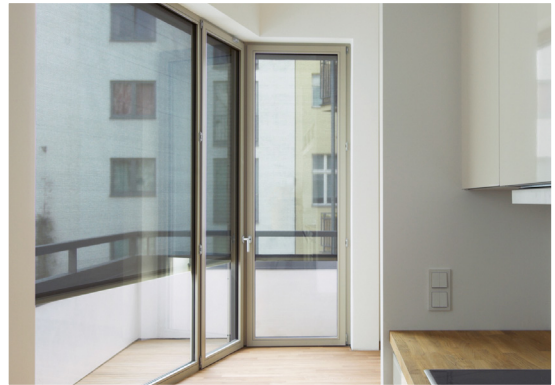
External roller shutters, venetian blinds and zip.SCREEN textile screens from ROMA not only provide you with the best energy efficiency, heat protection, glare protection, indoor climate and security for your home. Our sun shading systems – especially textile screens – will also satisfy your aesthetic needs.

# Why ROMA zip.SCREEN textile screens?

ROMA's textile screens are convincing not only thanks to their outstanding sun shading properties. Their functionality is unique: They provide protection against heat and glare while still allowing in enough daylight for a natural atmosphere, also ensuring good vision from the inside to the outside. ROMA textile screens are weather-proof and practically maintenance-free. When it comes to creating an atmosphere, they also offer a world of new possibilities:

Depending on their colour, the translucent fabrics reflect the greatest part of the thermal radiation outside the window without sacrificing the outside view. You can thus ideally regulate the room temperature and still enjoy the spectacular views.

ROMA textile screens filter out 98% of the UV radiation and protect living rooms and spaces with their weather-proof and durable fabrics, while still allowing natural light to enter the room.



# Advantages at a glance

Excellent **heat protection** (reflects up to 70% of sun irradiation) while allowing light to enter the room to enjoy a natural and light-filled interior atmosphere

## **Glare protection**

**Good vision from the inside to the outside** to connect the inside with the outside living

Some degree of **privacy at night** (vision from the outside to the inside). For full privacy at night, we would recommend **ROMA roller shutters**.

zip.SCREEN Technology allows high **wind resistance** up to 120 km/h (depending on unit size / installation / location)

Excellent **UV protection**

High **durability**, **easy care** and **low maintenance**

Spans large windows (up to 18 m<sup>2</sup>)

Choice of **different fabric types**

Vast **choice of colours for fabric**

Great **choice of colours for the blind unit** (head box, rails & bottom bar)





# Fabric colour choices

## *how do they influence your blind properties?*

### Fabric type

Textile screens from ROMA stand out because of their high-tech textiles. Their PVC coating with water beading action makes it very easy to clean. They allow for a great variety of colours, are made of high-quality materials and are weather-proof. All fabric types are subject to ISO 9001 quality control and are highly tear-resistant.

Blind properties are strongly influenced by the type of fabric (and colour). The size of the little holes between the fabric mesh help determine how much light, glare or vision can pass through the zip.SCREEN:

Your choice of fabric and colour will allow you to choose your blind properties according to your personal needs. There are varying degrees of:

- Heat protection
- Vision to the outside
- Glare protection
- Privacy at night

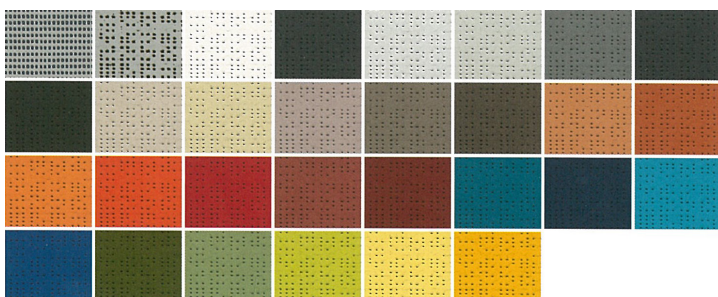
### Glass fibre fabric “Serge” (flexible fabric)



Cloth made of PVC-coated glass fibre yarns, twill weave

Offers the ideal compromise between heat protection, glare protection, visibility to the outside and privacy at night.

### Polyester fabric “Soltis 86” and “Soltis 92” (rigid fabric)



Soltis 86: Enables great visibility to the outside and heat protection, but little privacy at night (good vision from the outside to the inside) and low glare protection. The fabric may exhibit waviness along the rails when using zip.SCREEN Technology. Limited maximum height of the blind unit.

Soltis 92: Offers the ideal compromise between heat protection, glare protection, visibility to the outside and privacy at night. The fabric may exhibit waviness along the rails when using zip.SCREEN Technology. Limited maximum height of the blind unit.

# Fabric colour choices

*how do they influence your blind properties?*

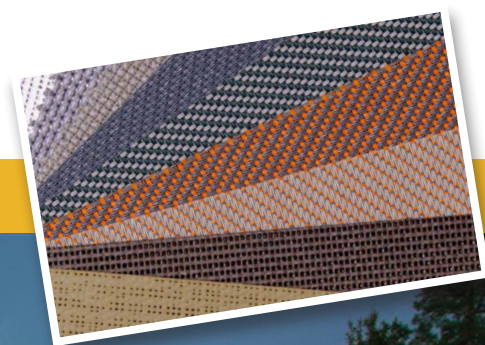
## Fabric colour

There is a vast range of colour combinations to choose from. You can choose a different colour for the inside and the outside of the blind (or the same colour for both) and your choice of colour can affect the properties of your blind:

Light colours reflect light better, but do not allow as much vision from the inside to the outside. Dark colours absorb light better, reduce glare and have a better vision from the inside to the outside.

**CLICK HERE**

**TO OPEN THE FABRIC SELECTOR BROCHURE**

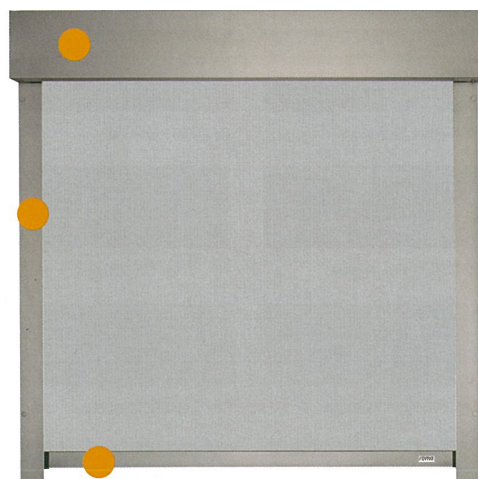


# Colour choices

## *exposed aluminium components*

There are three colour groups to choose from for the exposed aluminium components of your blinds:

- **ROMA Colour Harmony**
- **ROMA Colour Trend**
- **ROMA Colour Variety**



### **ROMA colour harmony**

The ROMA colour Harmony aesthetically matches all exposed aluminium components of your textile screens. The seven harmonious colours are available as standard in the three surface finishes Smooth matte, Fine structure matte and Highly weatherproof fine structure matte 1 for boxes, guide rails and bottom bars.



ROMA 9016  
(similar to RAL 9016)



ROMA Grau



ROMA Weißaluminium  
(similar to RAL 9006)



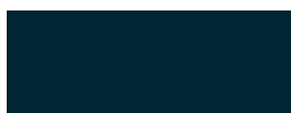
ROMA Graualuminium  
(similar to RAL 9007)



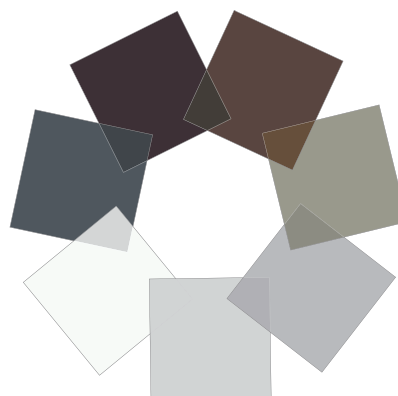
ROMA Sarotti



ROMA DB 703



ROMA Anthrazitgrau  
(similar to RAL 7016)



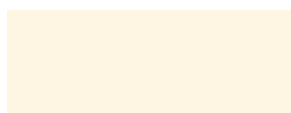
Highly weather-proof is subject to extra cost.

Colour variations are possible due to printing technology. Please always use original colour samples when deciding.

# ROMA colour trend

## *42 colours for every taste*

Are you a trendsetter? Then go for the ROMA Colour Trend. You will find the colour you desire in 42 shades and three surface finishes smooth matte, fine structure matte and highly weather-proof fine structure matte. Moreover, the surface finishes smooth matte and fine structure matte are available as standard powders from the two leading colour powder manufacturers IGP and Tiger.



RAL 1013 Oyster white



RAL 1015 Light ivory



RAL 2000 Yellow orange



RAL 3003 Ruby red



RAL 3004 Purple red



RAL 3005 Wine red



RAL 3011 Brown red



RAL 5011 Steel blue



RAL 5014 Pigeon blue



RAL 6005 Moss green



RAL 6009 Fir green



RAL 7001 Silver grey



RAL 7004 Signal grey



RAL 7011 Iron grey



RAL 7012 Basalt grey



RAL 7015 Slate grey



RAL 7021 Black grey



RAL 7022 Umbra grey



RAL 7024 Graphite grey



RAL 7035 Light grey



RAL 7036 Platinum grey



RAL 7037 Dusty grey



RAL 7038 Agate grey



RAL 7039 Quartz grey



RAL 7040 Window grey



RAL 7046 Telegrey 2



RAL 7047 Telegrey 4



RAL 7048 Pearl mouse grey



# ROMA colour variety

*unlimited possibilities*

The ROMA Colour Variety makes everything even more colourful. With an additional 150 RAL colour hues suitable for facades and 150 additional possibilities for boxes, guide rails and bottom rails, all desired colours are covered. The two surface finishes smooth matte and fine structure matte (IGP available with the 150 RAL colours provide the finishing touch.



RAL 8001 Ochre brown



RAL 8003 Clay brown



RAL 8007 Fawn brown



RAL 8011 Nut brown



RAL 8014 Sepia brown



RAL 8016 Mahogany brown



RAL 8017 Chocolate brown



RAL 8019 Grey brown



RAL 8022 Black brown



RAL 8028 Terra brown



RAL 9001 Cream



RAL 9003 Signal white



RAL 9005 Jet black



RAL 9010 Pure white

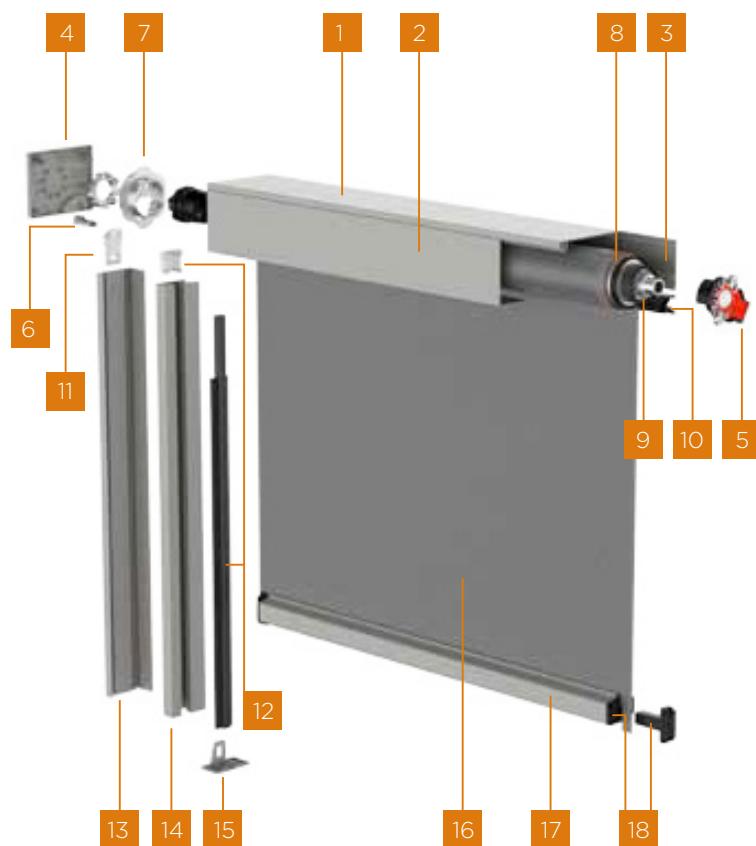
All colours in the ROMA Colour Variety are subject to additional costs.  
Colour variations are possible due to printing technology. Please always use original colour samples when deciding.



# zip.SCREEN Technology

zip.SCREEN Technology can withstand strong wind up to 120 km/h (Depending on blind size/installation/location).

The fabric runs in rails using zip.SCREEN Technology



# Head box shape and sizes

Roma offers a round head box or a square head box for their zip.SCREENs. They come in different sizes - 110, 130S, 130 and 150 depending on the size of the blind unit (and the chosen fabric).


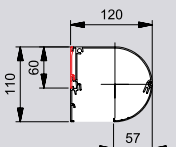
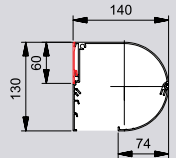
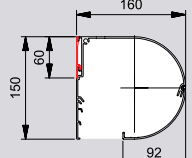

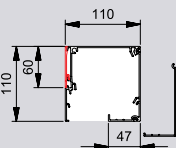
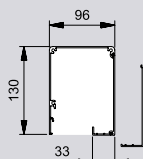
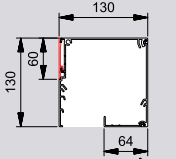
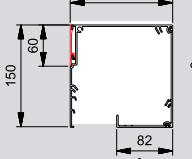


zipSCREEN.2  
Basis RONDO



zipSCREEN.2  
Basis QUADRO

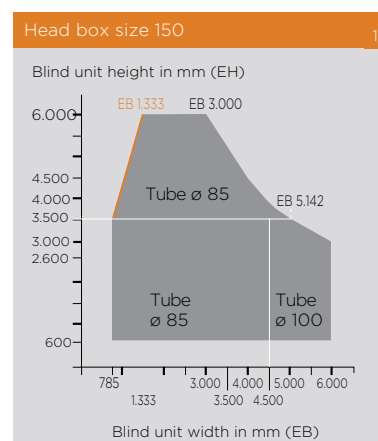
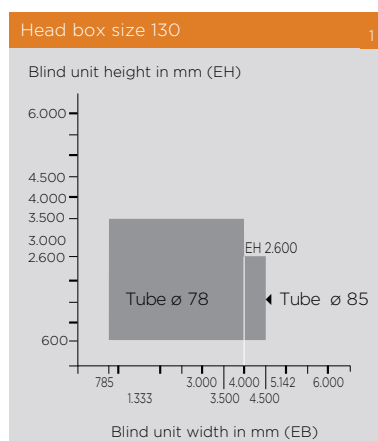
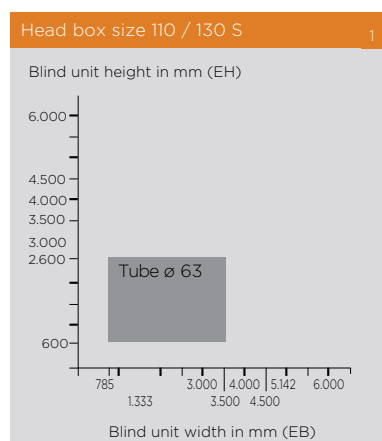
## Head box sizes & types of revisions

System and Revision options	Head box size			
	110	130 S	130	150
zipSCREEN.2 (Basis RONDO)  Revision front • no rendering				
zipSCREEN.2 (Basis QUADRO)  • Revision front no rendering • Revision below rendering possible		** 		

# Correlation between head box size and fabric type

Soltis and Serge fabrics have different requirements in terms of head box sizing: generally speaking flexible cloth such as Serge fabric can span larger areas with a certain head box size than the rigid cloth such as Soltis fabric.

Blind unit size for flexible fabric (1) Fabric type Serge + Metallics\*\* + 5500 Metal



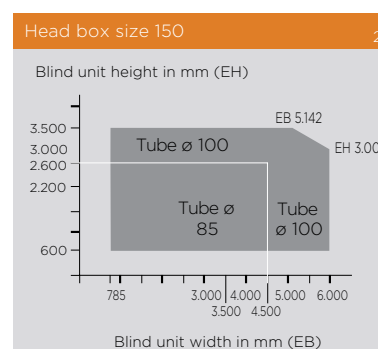
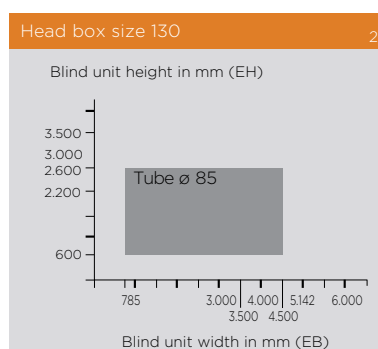
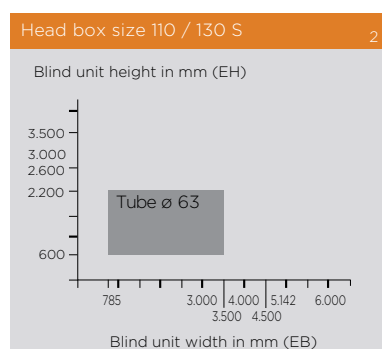
Flexible fabric	Sergé + Metallics** + 5500 Metal			
Head box size	110 / 130 S	130	150	
max. Area	≤ 9,1 m <sup>2</sup>	≤ 14 m <sup>2</sup>	≤ 11,7 m <sup>2</sup>	≤ 18 m <sup>2</sup>
max. Height	2600	3500	2600	6000
min. Height	600	600	600	600
max. Width	3500	4000	4500	6000
min. Width*	785	785	785	785
				EH/EB ≤ 4,5
NOTE: An order may require different drive sizes even though the same box size is used (for example box size 130). This may lead to differences in opening and closing speeds. If technically possible, we can offer to upgrade all drives to match the biggest drive in the order ( surcharges apply for drive size 100)				

\*\* Size restrictions

Please note  
Fabric Metallics: maximum width  
EB = 4000 mm

\* Smaller EB optional, please enquire.

Blind unit sizes for rigid fabric (2) Fabric type Soltis + Sunworker



Rigid fabric	2	Soltis + Sunworker		
Head box size	110 / 130 S	130	150	
max. Area	≤ 7,7 m <sup>2</sup>	≤ 11,7 m <sup>2</sup>	≤ 18 m <sup>2</sup>	
max. Height	2200	2600	3500	
min. Height	600	600	600	
max. Width	3500	4500	6000	
min. Width*	785	785	785	
NOTE: An order may require different drive sizes even though the same box size is used (for example box size 130). This may lead to differences in opening and closing speeds. If technically possible, we can offer to upgrade all drives to match the biggest drive in the order ( surcharges apply for drive size 100)				

Size restrictions

Please note  
For fabric Sunworker Metal,  
Soltis 86- ...E and 92-...E  
Maximum width 4200 mm.

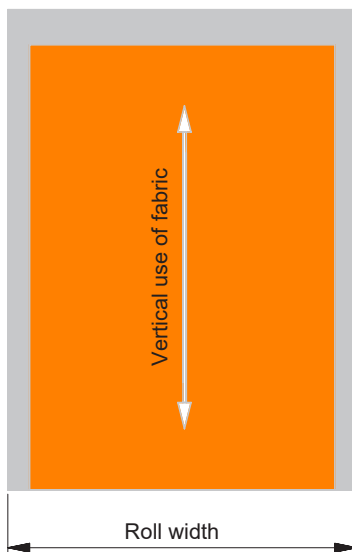
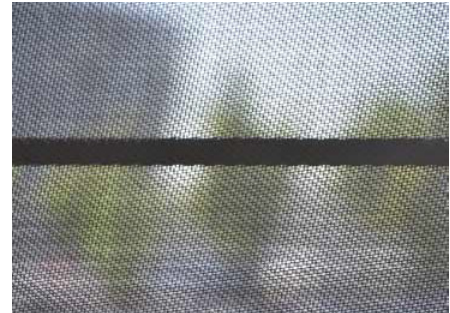
\* Smaller EB optional, please enquire.

# Fabric roll width

## What you need to know about seams in the fabric

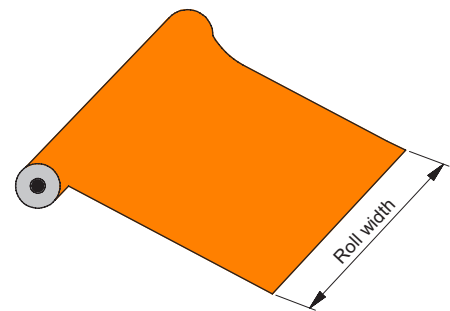
Each fabric type/colour combination comes in its own fabric roll width (see fabric selector for details). Roll width and the required size of the whole blind unit determine whether a fabric is going to be used horizontally or vertically.

Depending on the fabric, this may create a slightly different look. There may be one or several seams necessary. Roma always strives to avoid seams where possible.



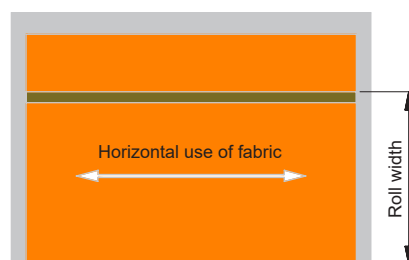
Vertical use of a fabric roll without seam

Whole blind unit width < roll width



Horizontal use of fabric roll with or without seam depending on whole blind unit height

Whole blind unit width > roll width





# Appearance

## Things you need to know

### **Weight bar bowing and waviness of fabric**

Bowing of the weight bar of up to 15 mm is possible for blind unit width of 4000 mm. Units of greater width can show a bowing of the weight bar of up to 30 mm. A bowing of the weight bar can lead to waviness of the fabric along the rails. This does not constitute a reason for complaint or a defect covered by warranty.



### **Horizontal marks on the fabric**

Horizontal marks are possible and stem from the blind being rolled up around the shaft and potential fabric seems leaving marks on the fabric. This is normal and does not constitute a reason for complaint or a defect covered by warranty.

### **Waviness of the fabric**

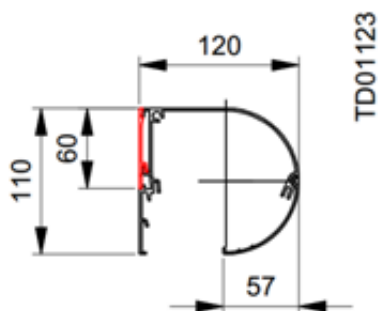
zip.SCREEN blind systems show a slight waviness along the rails. This is normal and especially visible with rigid fabrics such as Soltis. This cannot be prevented and does not constitute a reason for complaint or a defect covered by warranty.



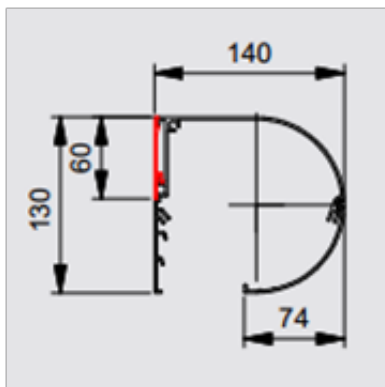
# Drawings overview

## Guide rails - bottom weight bar

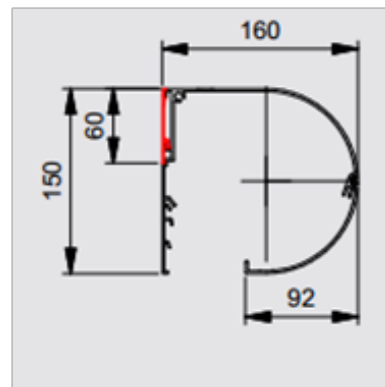
Round Head box - Rondo (electronic files - see LAROS website)



110 mm head box

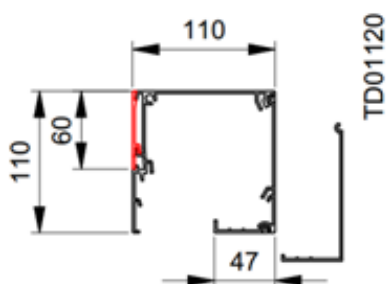


130 mm head box

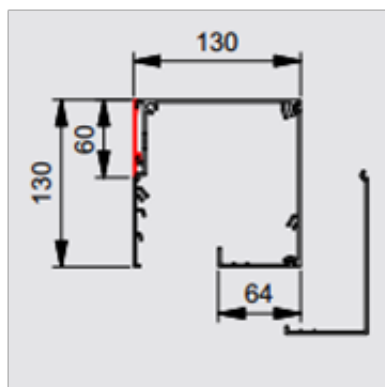


150 mm head box

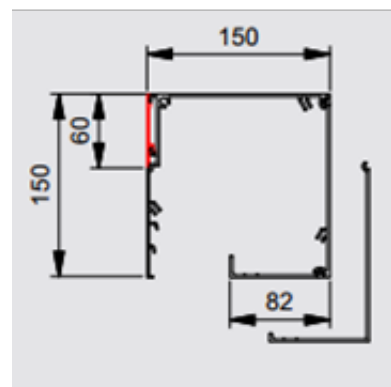
Square head box - Quadro



110 mm head box

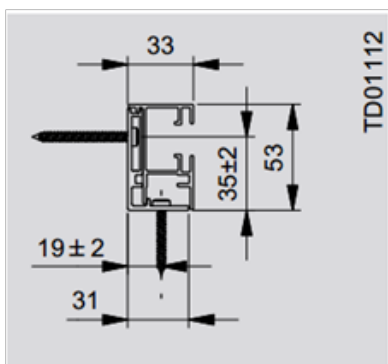


130 mm head box

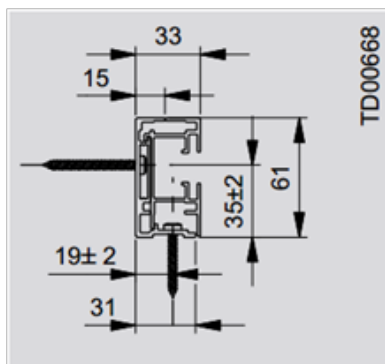


150 mm head box

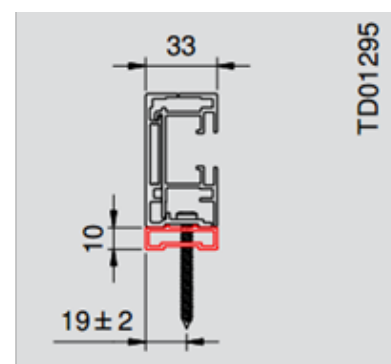
Guide rails



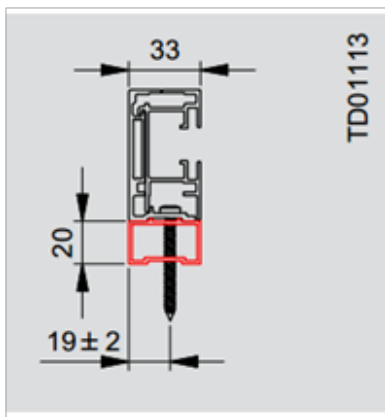
Compact (33x53)



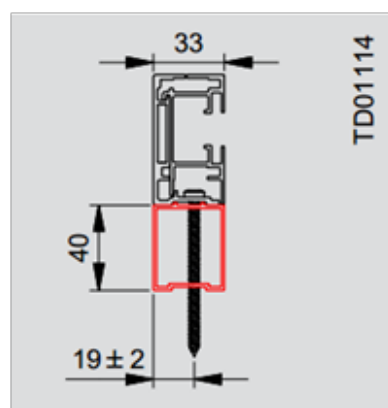
Standard (33x61)



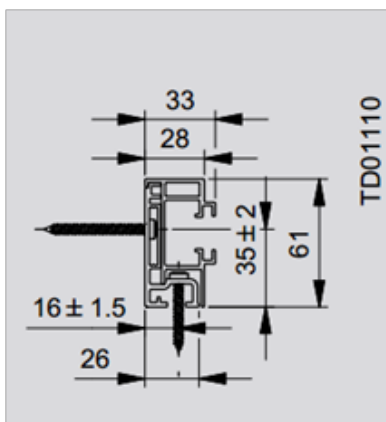
With 10mm packer



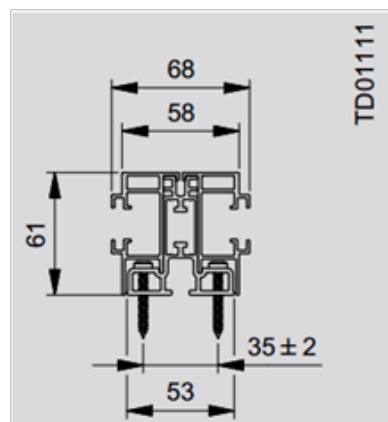
With 20mm packer



With 40mm packer

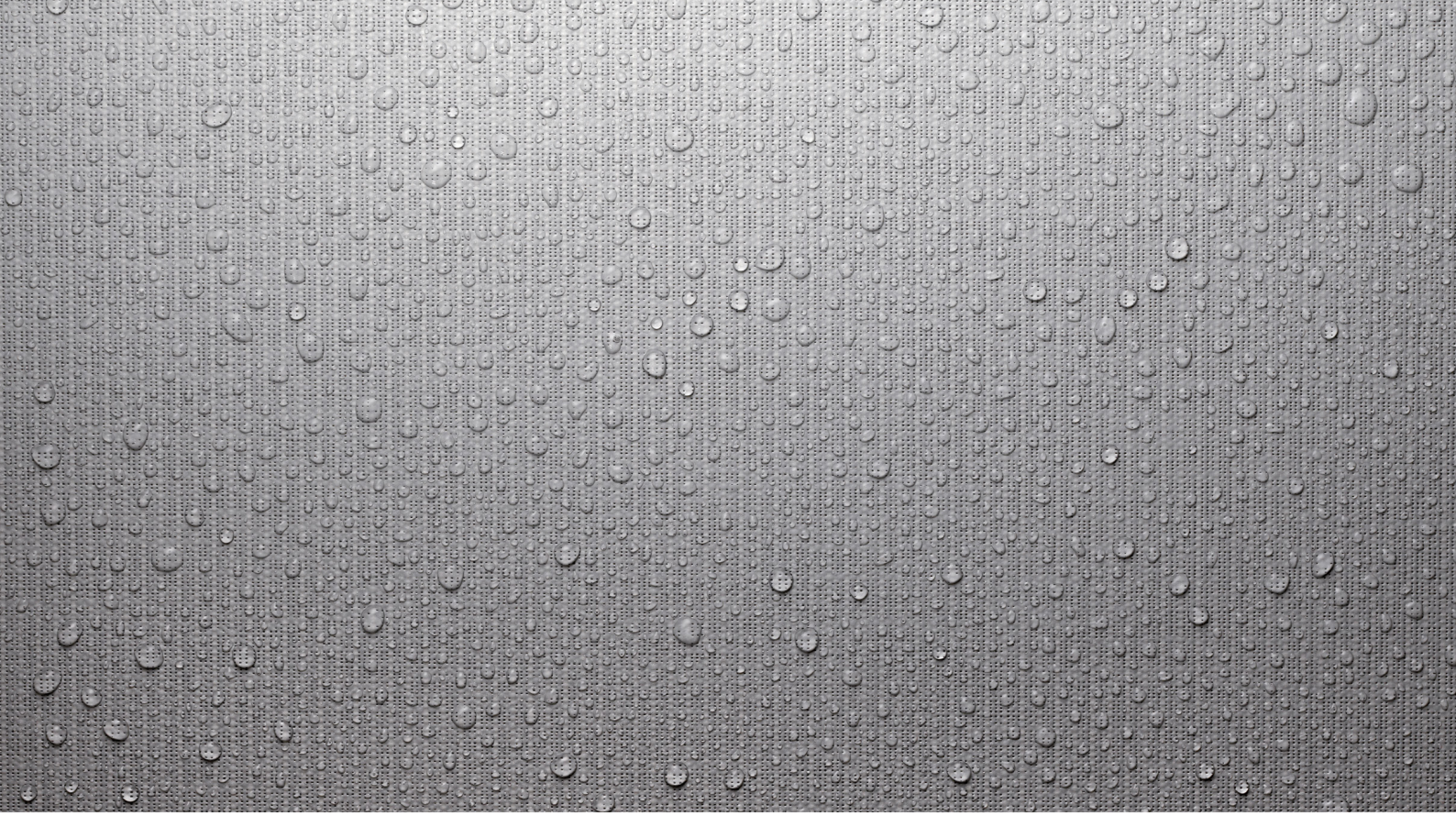


Guide rail for facade  
(sides)



Guide rails for facade  
(middle)





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