

elvial



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ELVIAL SW40
SHUTTERS

INNOVATIVE TECHNOLOGIES_
ELVIAL PRE-ANODIZING 2IN1_
ELVIAL I² INSULATION TECHNOLOGY_
BE DIFFERENT.

The
IDENTITY

The new ELVIAL SW40 shutter offers effective shading, natural ventilation and enhanced privacy. It maintains visual isolation from the outside environment while allowing the effective cooling of the interior spaces. Its elegant design and variety of colours make it an ideal choice for any architectural style. A durable and functional solution for any modern construction.

Compatible with all opening systems or as a stand-alone solution, it provides flexibility and aesthetic harmony.

Options for fixed blinds and movable louvers

2-SASH SHUTTERS

Max Sash Height		2500 mm
Max Sash Width		600 mm

3-SASH AND 4-SASH SHUTTERS

Max Sash Height		2500 mm
Max Sash Width		450 mm

WINDOWS AND DOORS

Max Sash Height		2200 mm
Max Sash Width		700 mm
Max Sash Weight		45 Kg
Max Glass Thickness		19 mm



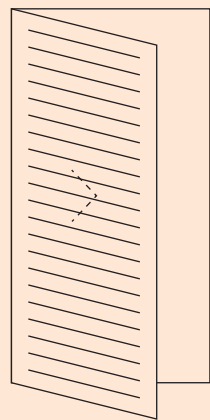
DESIGN

The TYPOLOGIES

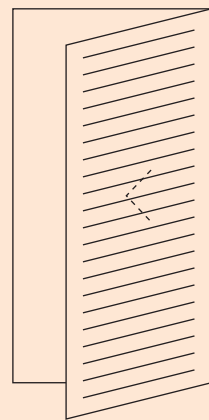
OUTWARD OPENING SHUTTERS

TPOLOGY OPTIONS:

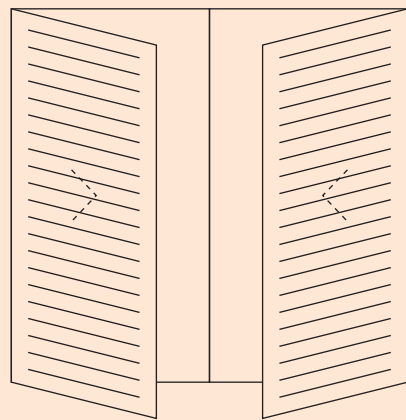
Frame and sash perimetrical | Frame in Π shape and sash perimetrical with threshold or without threshold | Frame and sash in Π shape with bottom profile



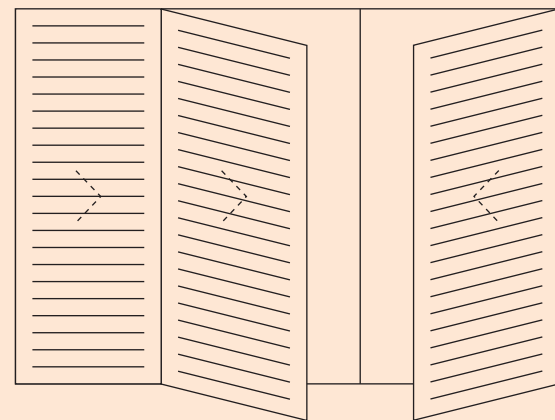
1-sash



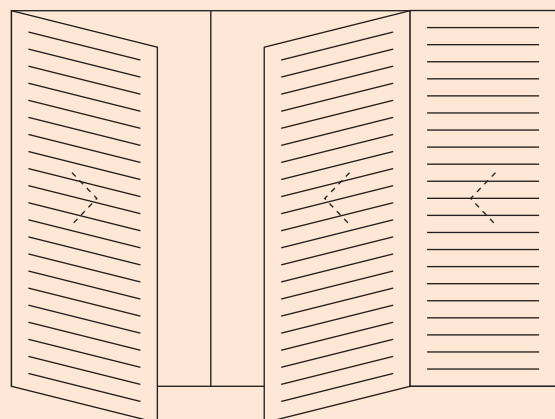
1-sash



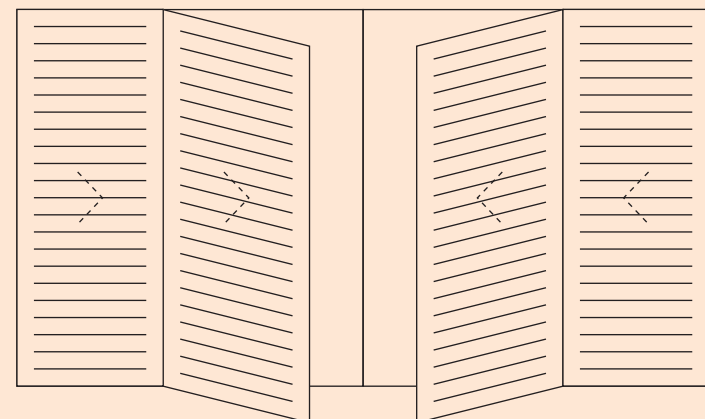
2-sash



3-sash

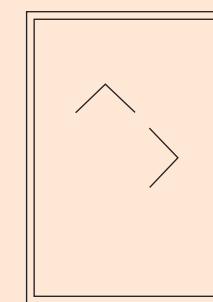


3-sash

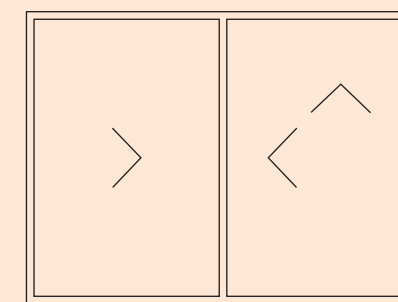


4-sash

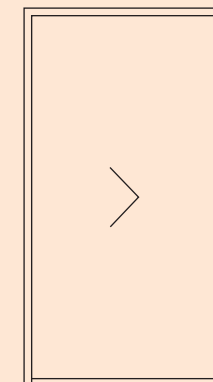
INWARD OPENING CONSTRUCTIONS



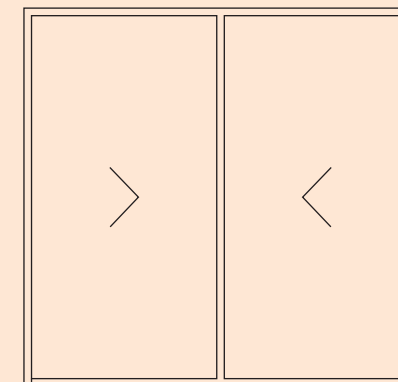
1-sash tilt & turn



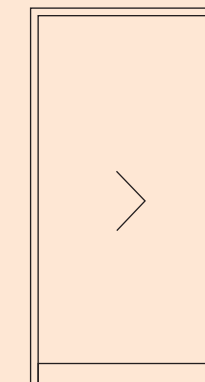
2-sash tilt & turn



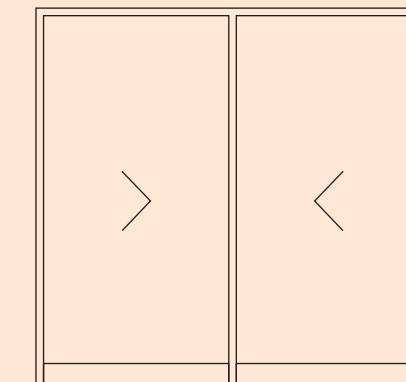
1-sash door with
sash perimetrical



2-sash door with
sash perimetrical

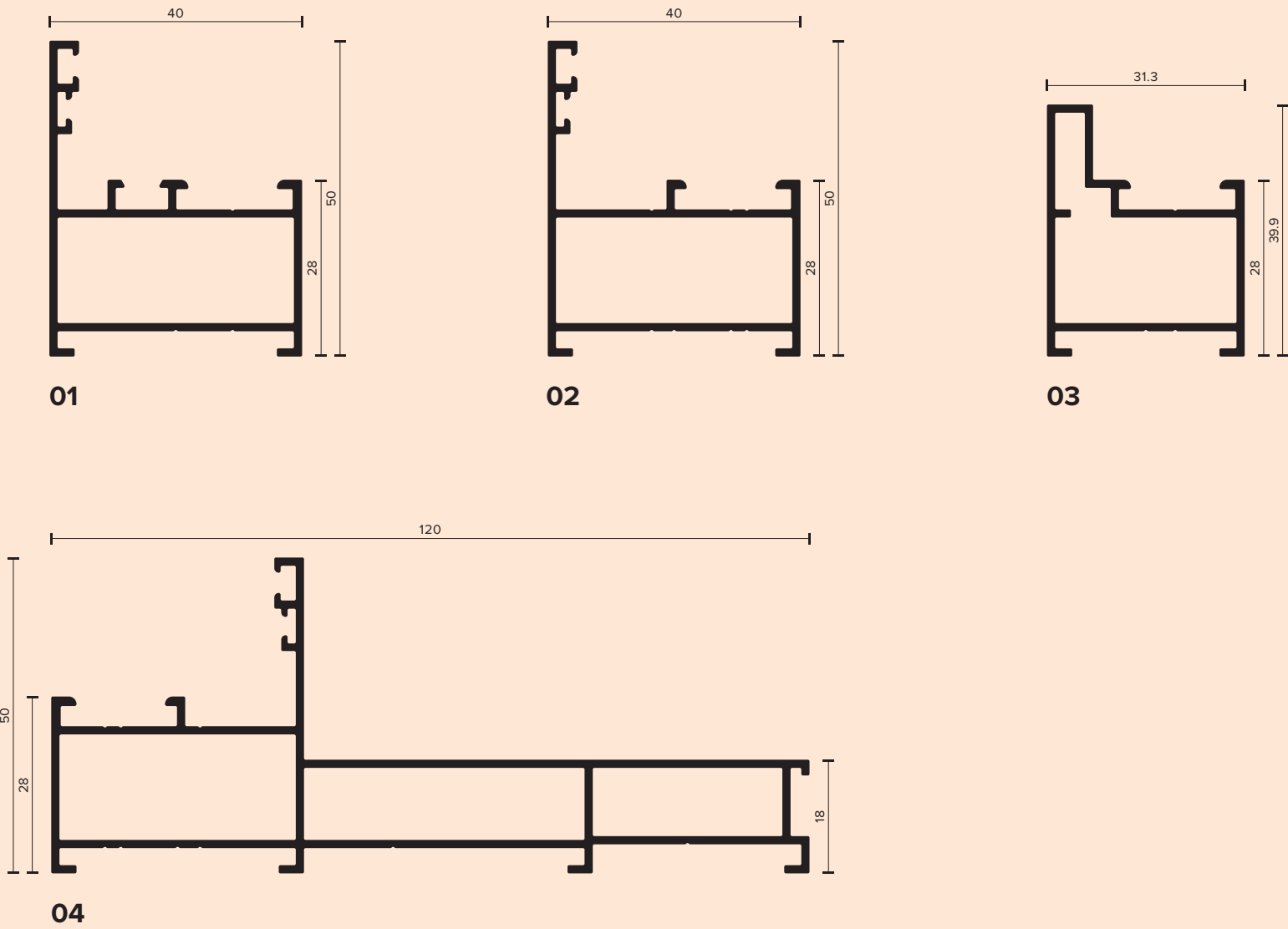


1-sash door with
bottom profile



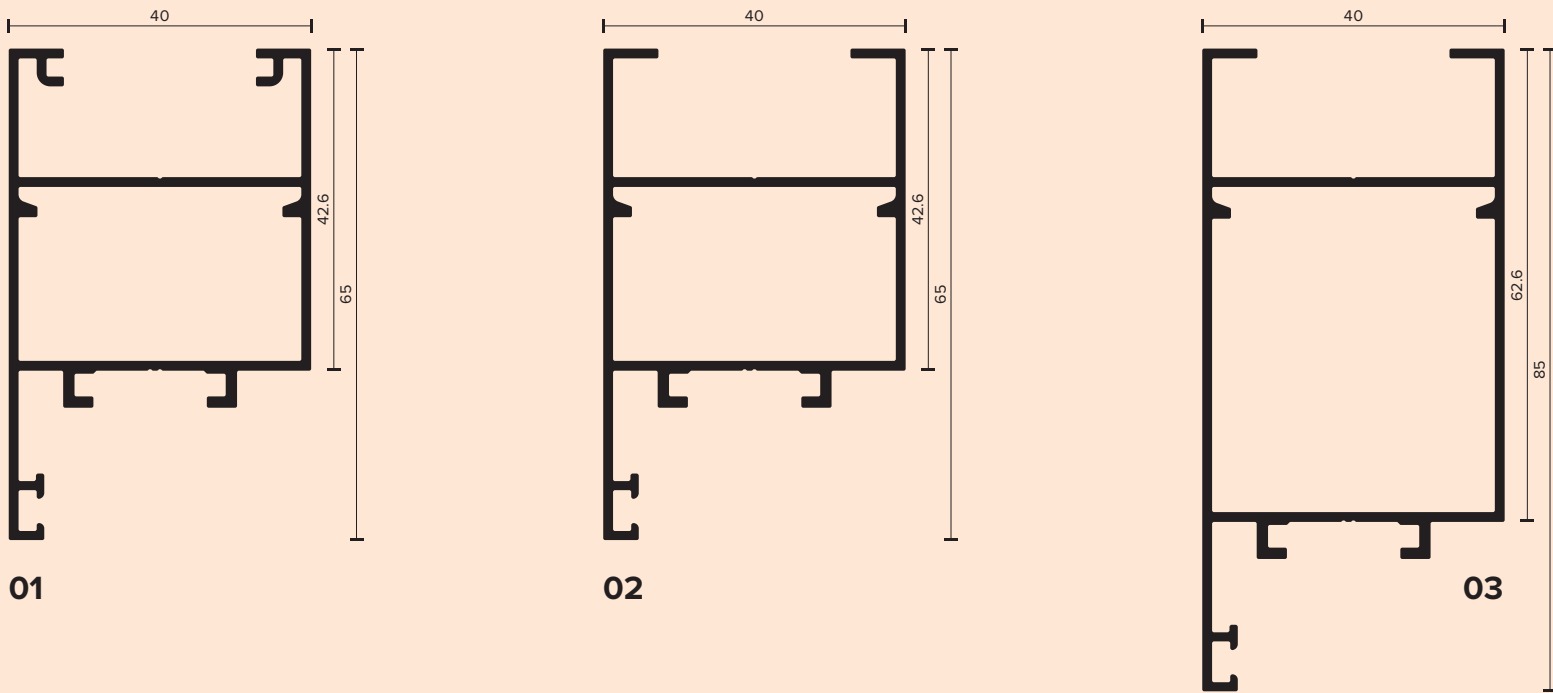
2-sash door
with bottom profile

FRAME



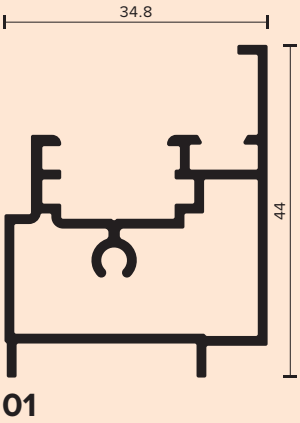
01	SW40.111.028	658 g/m	Frame linear 28mm / 40mm for shutter and glazing
02	SW40.110.028	632 g/m	Frame linear 28mm / 40mm for shutter
03	SW40.112.028	544 g/m	Frame linear 28mm / 31mm for shutter
04	SW40.113.028	1325 g/m	Frame linear 28mm / 120mm with extension for shutter

SASHES

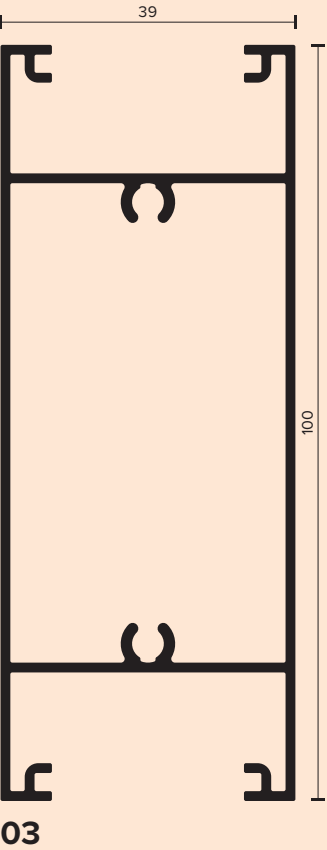
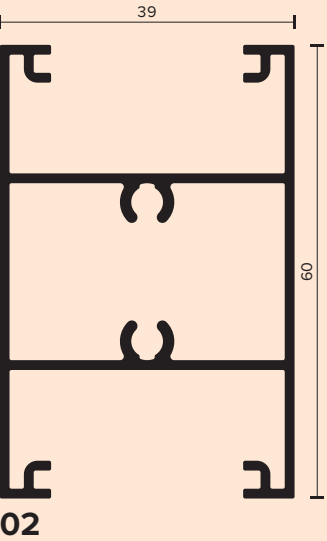


01	SW40.120.065	842 g/m	Sash linear 65mm / 40mm for shutter, fixed blinds and glazing
02	SW40.122.065	803 g/m	Sash linear 65mm / 40mm for shutter
03	SW40.123.085	944 g/m	Sash linear 85mm / 40mm for doors inward opening with embedded glazing bead

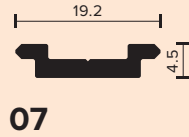
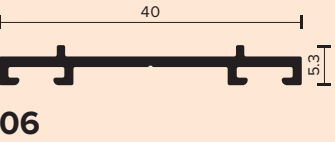
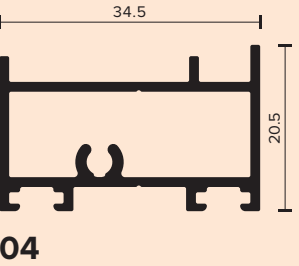
ADJOINING PROFILES



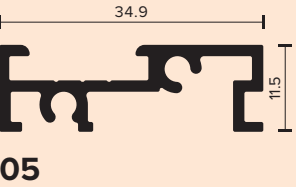
TRANSOMS



ADDITIONAL PROFILES

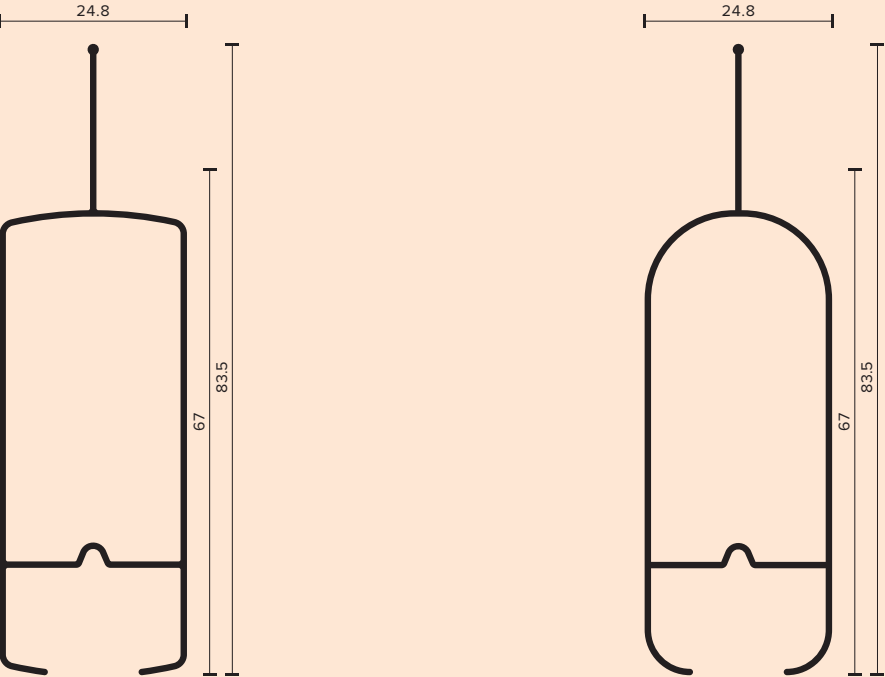


THRESHOLDS

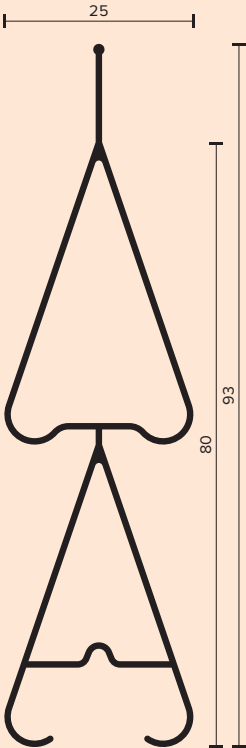


01	SW40.141.040	643 g/m	Adjoining profile linear 40mm for shutter and glazing
02	SW40.130.060	925 g/m	Transom linear 39mm / 60mm for shutter
03	SW40.130.100	1206 g/m	Transom linear 39mm / 100mm for shutter
04	SW40.153.035	464 g/m	Additional profile for sash sealing
05	SW40.151.035	352 g/m	Threshold 11mm / 35mm for shutter
06	SFS40.136.040	205 g/m	Additional profile for bottom profile sealing
07	2016	138 g/m	Additional profile of sash for CE mechanism placement

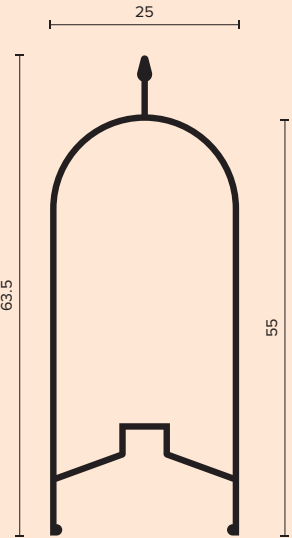
SHUTTER BLINDS



01	1087	460 g/m	Shutter blind linear 67mm / 25mm
02	1084	469 g/m	Shutter blind rounded 67mm / 25mm
03	1083	538 g/m	Shutter blind 80mm / 25mm
04	8141	387 g/m	Shutter blind 55mm

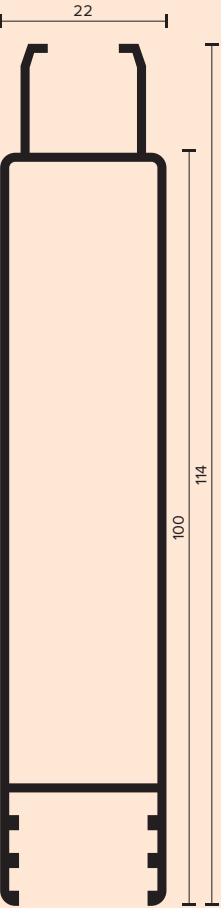


03



04

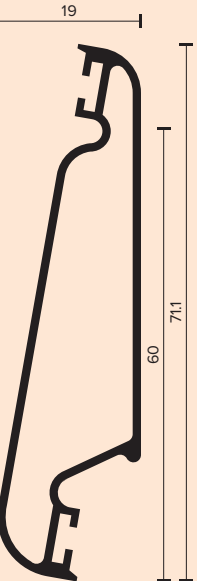
RABOTE



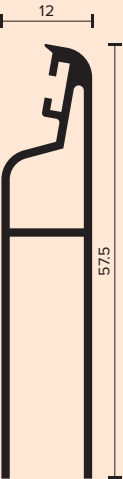
01

01	12802	910 g/m	Rabote 100mm x 22mm
02	2104	532 g/m	Movable louver 60mm
03	2105	417 g/m	Ending profile for movable louver 2104
04	2106	180 g/m	Ending profile for movable louver 2104

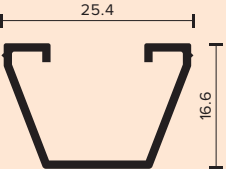
MOVABLE BLIND



02

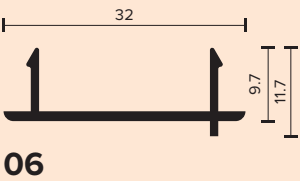
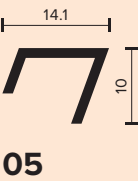
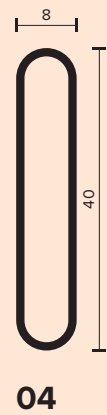
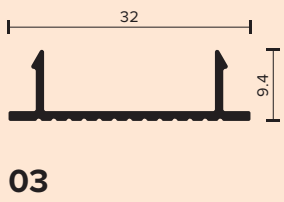
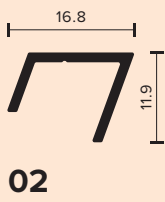
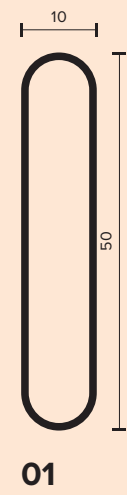


03



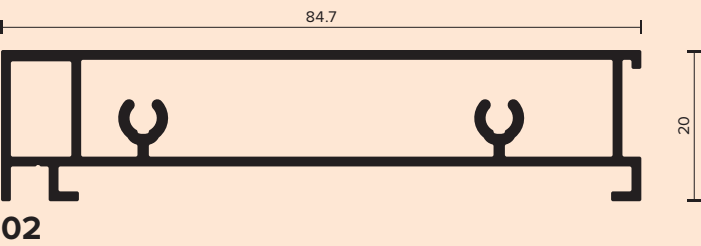
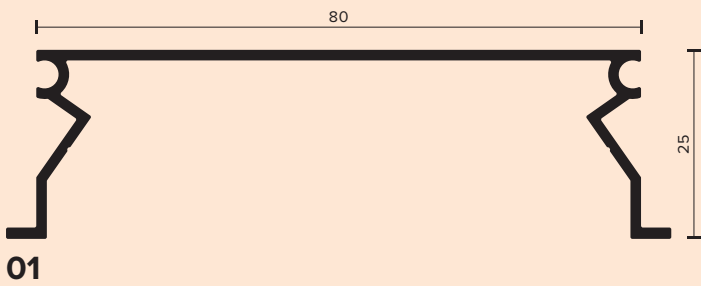
04

FIXED BLIND



01	SFS40.180.050	292 g/m	Fixed blind 50mm / 10mm
02	SFS40.135.012	113 g/m	Cover profile for fixed blind SFS40.180.050
03	SFS40.136.032	156 g/m	Sash cover profile for fixed blind SFS40.180.050
04	8146	255 g/m	Fixed blind 40mm / 8mm
05	8157	92 g/m	Cover profile for fixed blind 8146
06	8151	168 g/m	Sash cover profile for fixed blind 8146

CONNECTING PROFILES



01	SW40.159.080	561 g/m	Connecting profile 80mm
02	SW40.158.085	927 g/m	Cover profile 20mm / 85mm for shutter

The FINISHINGS

The right color enhances the aesthetic effect and increases the added value of the building's image.

It goes without saying that it contributes to the well-being of its users.

There are two main technologies used to strengthen profiles. Anodising and electrostatic painting.

The advantages of these two methods are perfectly combined with the Pre-anodizing solution, which is the ultimate combination of the two.



**STRONGER THAN TIME.
STRONGER THAN ELEMENTS.**

ELVIAL PRE-ANODIZING 2IN1

- // Zero waiting times
- // Clean environment
- // Automated management

ELVIAL Pre-Anodizing 2in1 This is our solution.

In ELVIAL's state-of-the-art industrial facilities, operates the 1st in Greece and the 7th in the world vertical electrostatic painting facility with continuous flow Pre-anodizing.

With ELVIAL's Pre-anodizing method, the profiles are “submerged” in an underground tunnel in a sulphuric acid solution and subjected to an electrochemical process similar to that of anodizing. The profiles are handled robotically, excluding human contact and in an environment free of dust and other contaminants. With this process an unsealed anodic sublayer is created which shields the profile from corrosion.

At the same time the profiles are dyed serially, eliminating waiting times and achieving perfect sealing of the profile pores.

Profiles coated with the pre-anodizing method are automatically marked as **Sea Proof Plus**.

The ELVIAL pre-anodizing process is uniquely combined with Class 2 [Super Durable] powder coatings.

INSULATION WALL WITH ELVIAL I²

- 1 **ELVIAL I² INSULATION TECHNOLOGY**
- 2 **INSULATING BARS** WITH GLASS FIBRE REINFORCEMENT 25%
- 3 **GLAZING GASKETS** WITH FINS
- 4 **FOAM INSULATING PROFILE** PERIMETRICALLY OF THE GLAZING ZONE
- 5 **CO-EXTRUDED GASKETS** IN THE CENTRAL AREA OF THE WINDOW

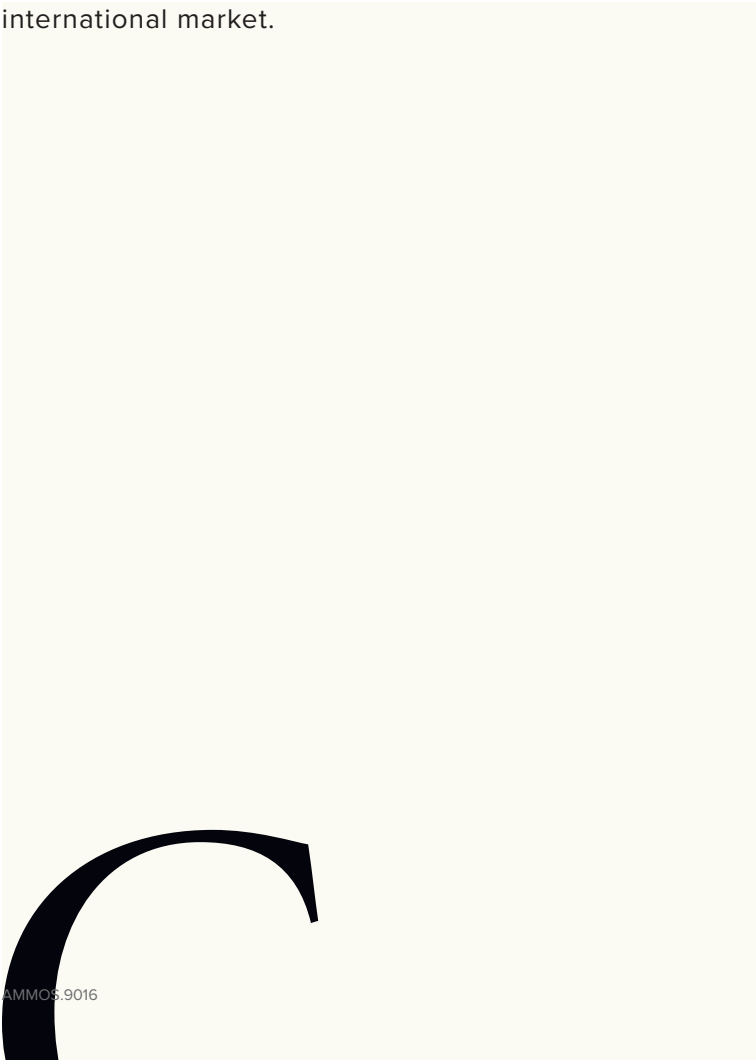
**OUTSTANDING ENERGY EFFICIENCY
WITH IMMEDIATE FINANCIAL BENEFITS**



Our
COLOR COLLECTION

Eye catching colors. Colors that are calming and become one with the whole.

Textures and shades that justify and enhance any design choice. We shape them according to the preferences of distinguished architects and the trends of the international market.



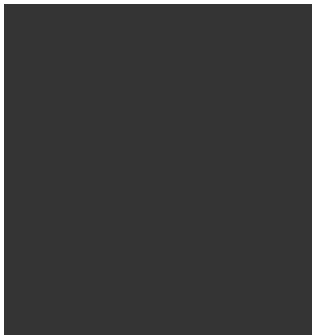
CLASS 2
SUPER DURABLE

MAKE THE RIGHT CHOICE

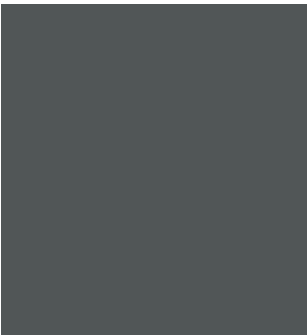
Combine the maximum corrosion protection offered by Pre-anodizing with a class 2 Super-durable powder coating for maximum color durability even in intense sunlight.

The Super Durable Class 2 [Super Durable] powder coatings are 3 times more resistant to solar radiation and so, systems remain almost unchanged through time.

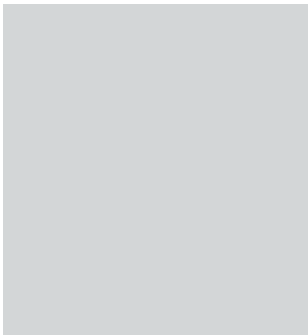
AMMOS.7024



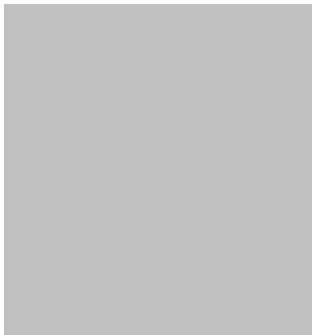
SAHARA.503



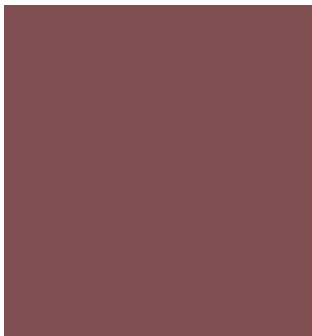
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YW365F.GRIS 2150



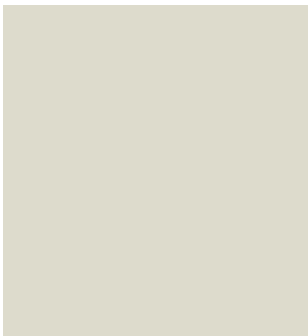
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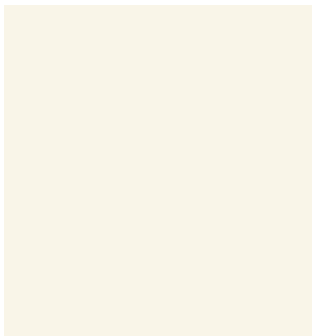
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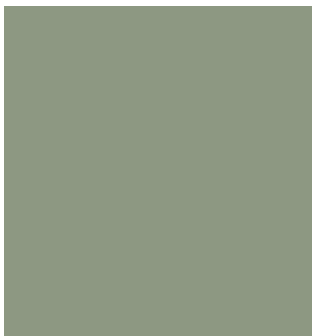
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AMMOS.9010



MESOGILOS.815



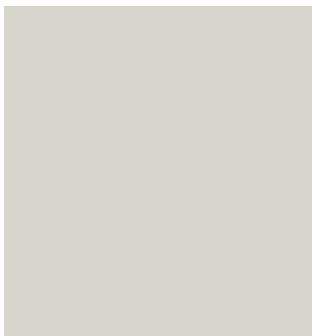
MESOGILOS.813



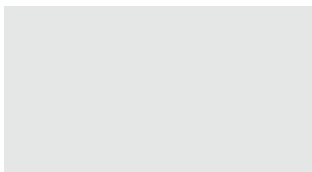
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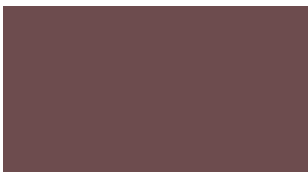
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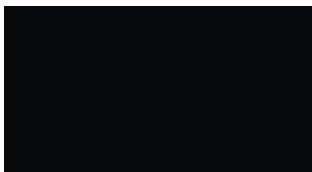
YW356F.GRIS 2800



STR.3005



AMMOS.9005



FIND OUT
MORE

Our
SUPPORT

W STAND BY YOUR SIDE

We strive for constant advancement of technology and design and we go one step further. We strive for excellence.

We work with you consistently. We view you as members of our own team, so that we can deliver just that.

We answer technical and non-technical questions, offer a wide range of products, always bearing in mind that you are in charge of unique and demanding projects.

We respond promptly and quickly, because everything we do affects your customers and the outcome of your work.



Quality is the decisive criterion..

ELVIAL completes projects consistently both in terms of schedules and quality standards, thanks to a reliable network of partners with extensive experience and excellent training.

INNOVATIVE TECHNOLOGIES_
ELVIAL PRE-ANODIZING 2IN1_
ELVIAL I² INSULATION TECHNOLOGY_
BE DIFFERENT.

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