

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		98.4 in
Max Sash Width		23.6 in

3-SASH AND 4-SASH SHUTTERS

Max Sash Height		98.4 in
Max Sash Width		17.7 in

WINDOWS AND DOORS

Max Sash Height		86.6 in
Max Sash Width		27.6 in
Max Sash Weight		99 lb
Max Glass Thickness		0.74 in

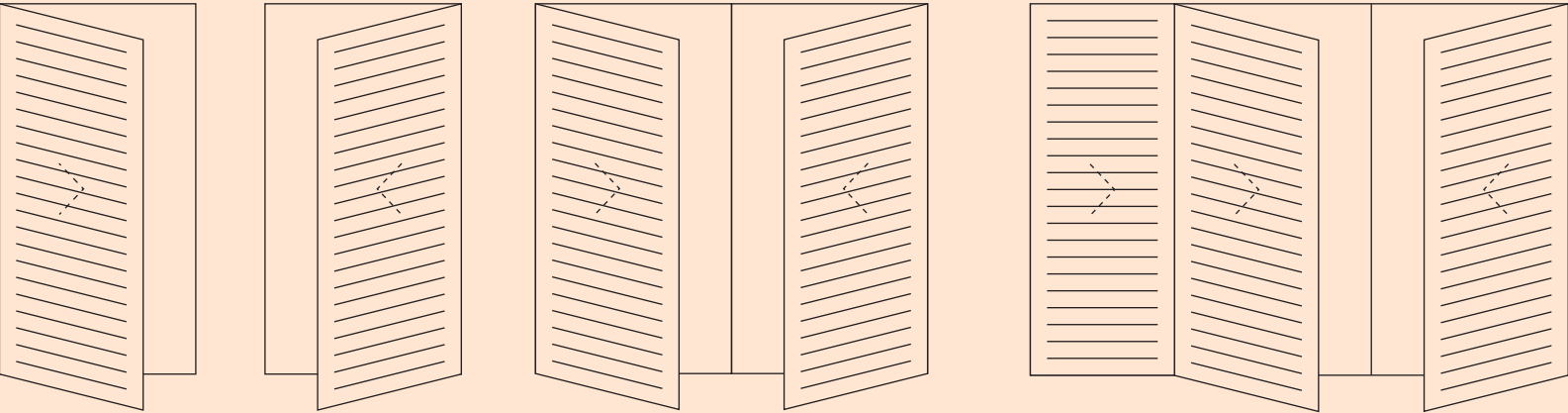


The
TYPOLOGIES

OUTWARD OPENING SHUTTERS

TYPOLOGY 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

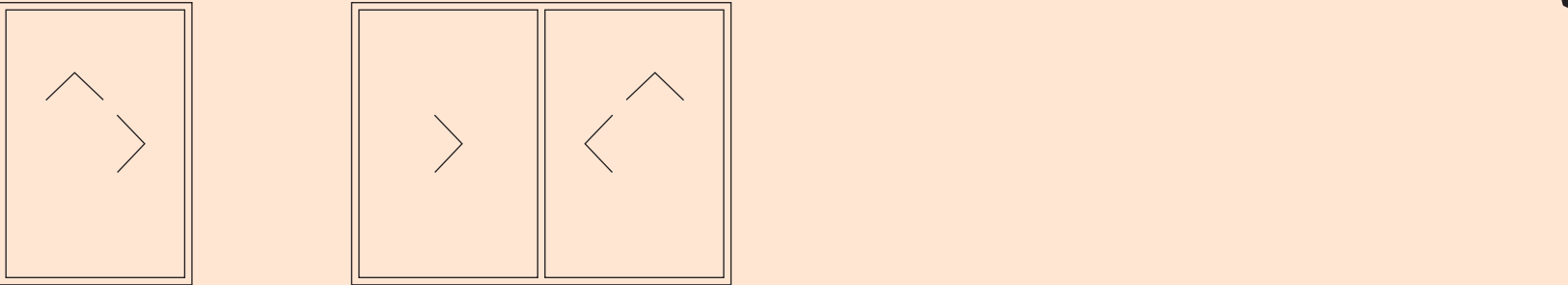


1-sash 1-sash 2-sash 3-sash

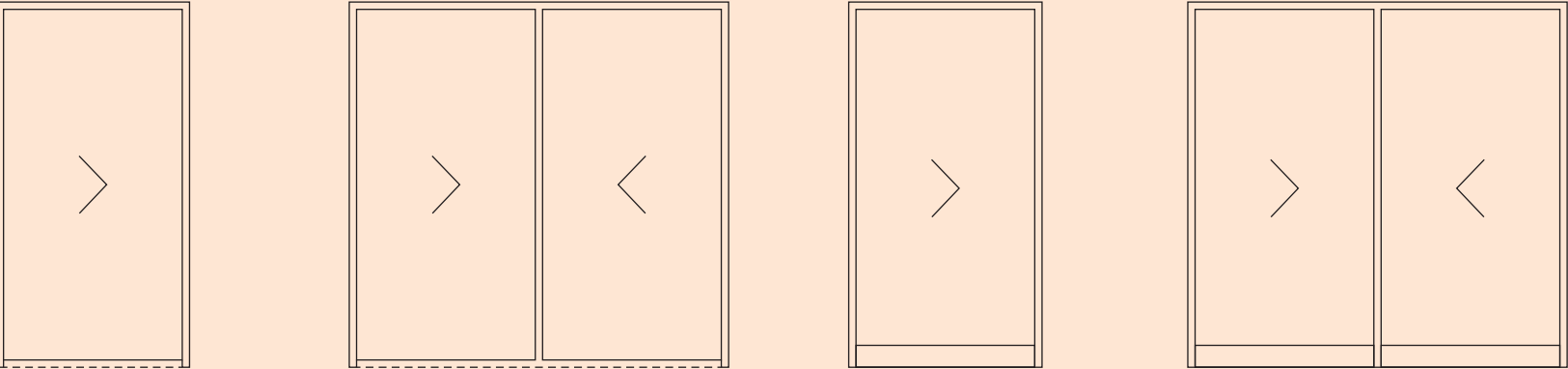


3-sash 4-sash

INWARD OPENING CONSTRUCTIONS

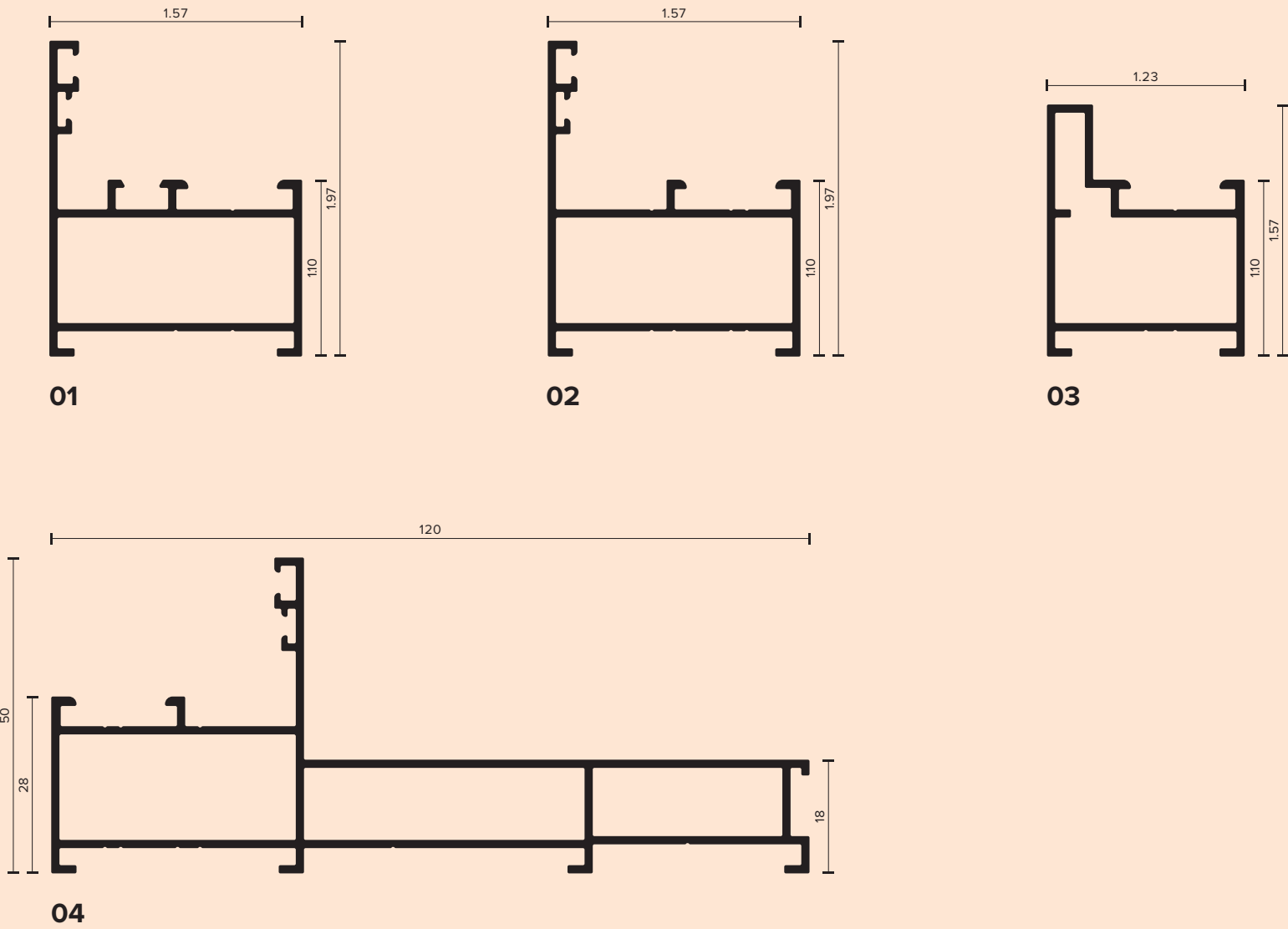


1-sash tilt & turn 2-sash tilt & turn



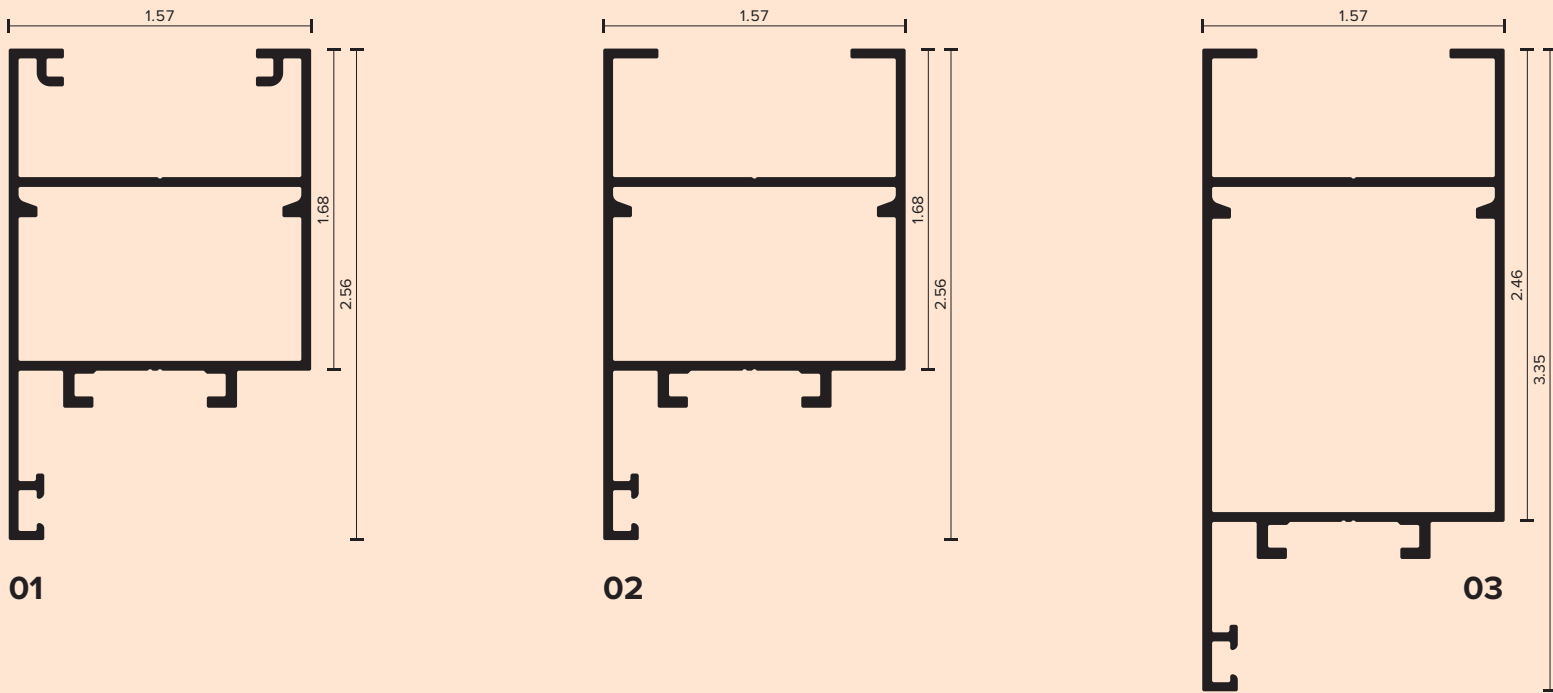
1-sash door with sash perimetrical 2-sash door with sash perimetrical 1-sash door with bottom profile 2-sash door with bottom profile

FRAME



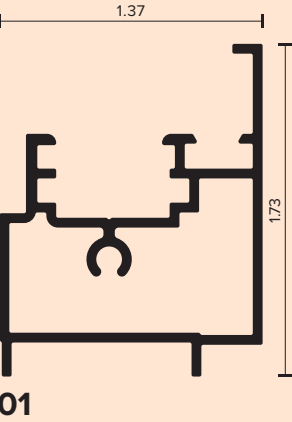
01	SW40.111.028	0.442 lb/ft	Frame linear 1.10 in / 1.57 in for shutter and glazing
02	SW40.110.028	0.424 lb/ft	Frame linear 1.10 in / 1.57 in for shutter
03	SW40.112.028	0.365 lb/ft	Frame linear 1.10 in / 1.22 in for shutter
04	SW40.113.028	0.890 lb/ft	Frame linear 1.10 in / 4.72 in with extension for shutter

SASHES

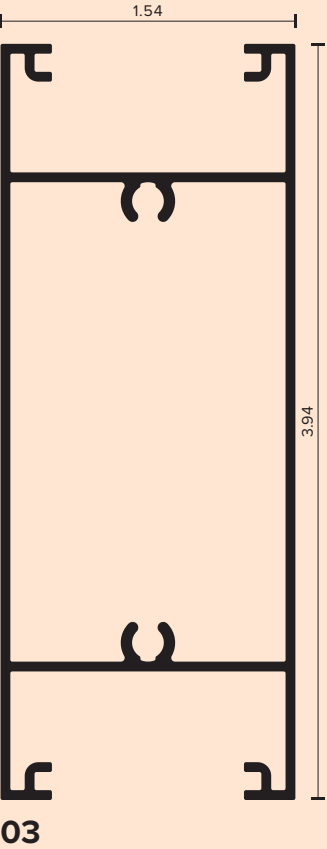
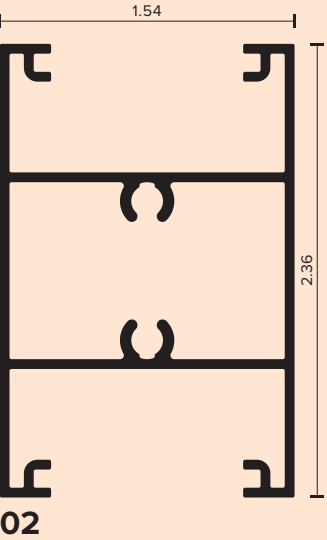


01	SW40.120.065	0.565 lb/ft	Sash linear 2.56 in / 1.57 in for shutter, fixed blinds and glazing
02	SW40.122.065	0.539 lb/ft	Sash linear 2.56 in / 1.57 in for shutter
03	SW40.123.085	0.634 lb/ft	Sash linear 3.35 in / 1.57 for doors inward opening with embedded glazing bead

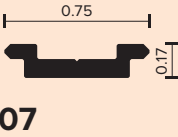
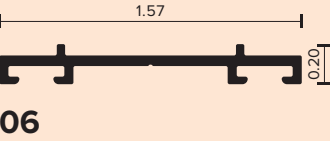
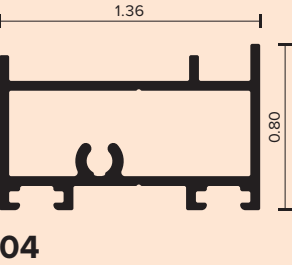
ADJOINING PROFILES



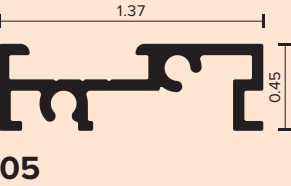
TRANSOMS



ADDITIONAL PROFILES

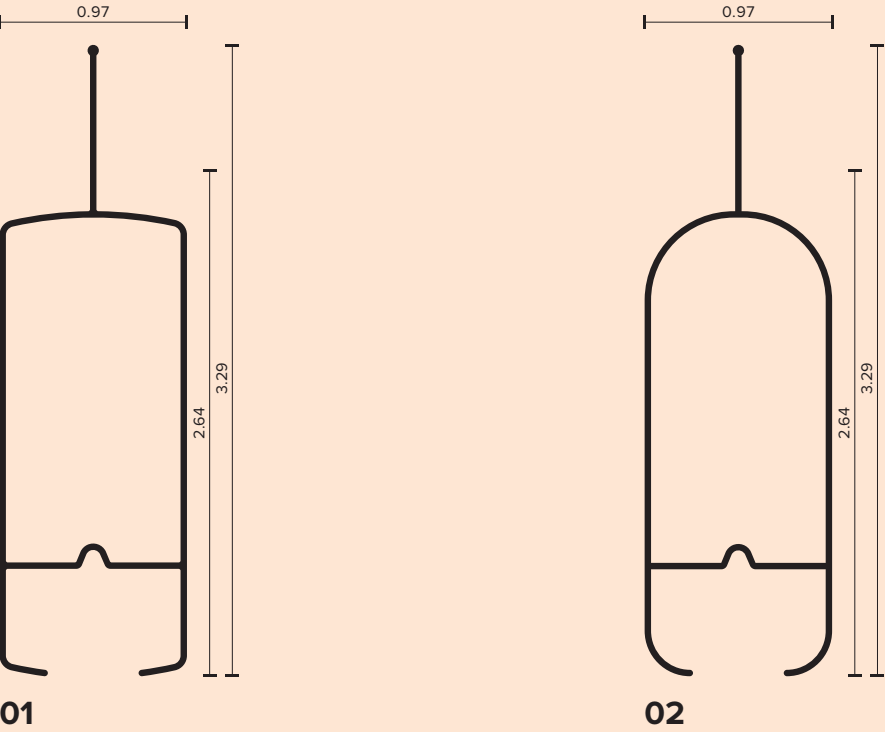


THRESHOLDS

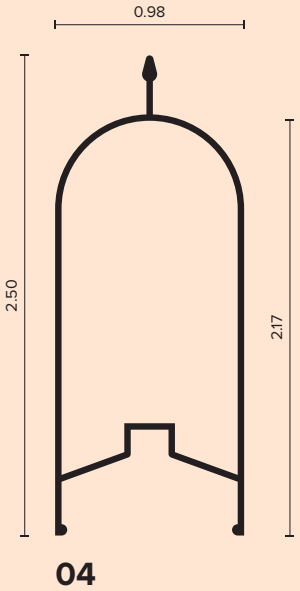
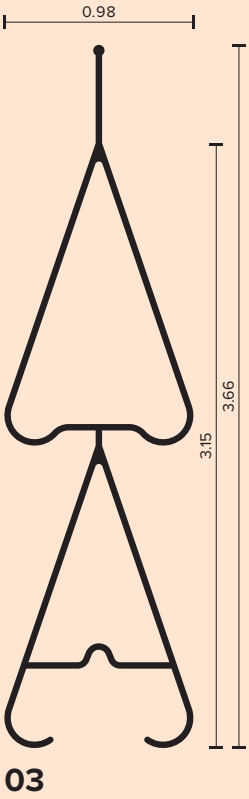


01	SW40.141.040	0.432 lb/ft	Adjoining profile linear 1.57 in for shutter and glazing
02	SW40.130.060	0.621 lb/ft	Transom linear 1.54 in / 2.36 in for shutter
03	SW40.130.100	0.810 lb/ft	Transom linear 1.54 in / 3.94 in for shutter
04	SW40.153.035	0.311 lb/ft	Additional profile for sash sealing
05	SW40.151.035	0.236 lb/ft	Threshold 0.43 in / 1.38 in for shutter
06	SFS40.136.040	0.137 lb/ft	Additional profile for bottom profile sealing
07	2016	0.092 lb/ft	Additional profile of sash for CE mechanism placement

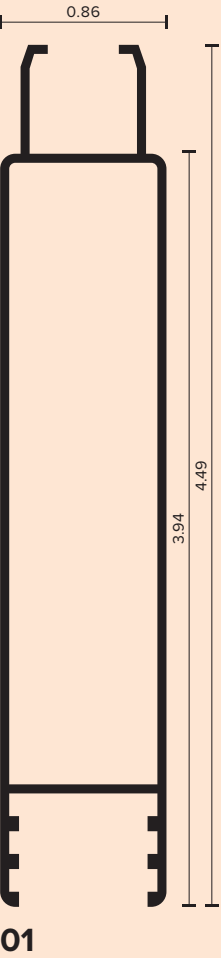
SHUTTER BLINDS



01	1087	0.309 lb/ft	Shutter blind linear 2.64 in / 0.98 in
02	1084	0.315 lb/ft	Shutter blind rounded 2.64 in / 0.98 in
03	1083	0.361 lb/ft	Shutter blind 3.15 in / 0.98 in
04	8141	0.260 lb/ft	Shutter blind 2.17 in

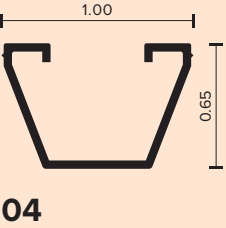
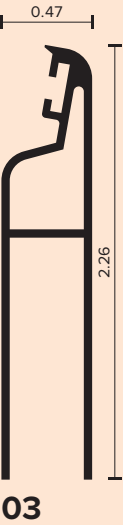
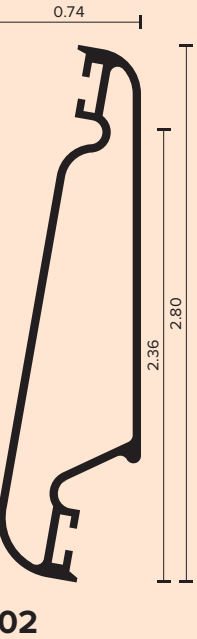


RABOTE

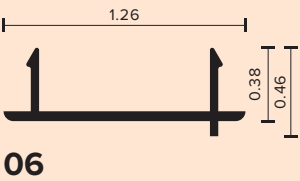
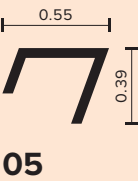
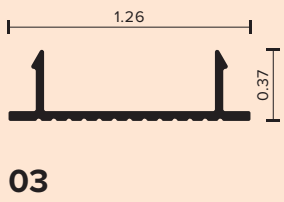
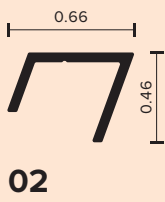
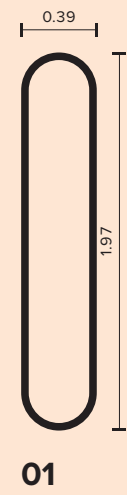


01	12802	0.611 lb/ft	Rabote 3.94 in x 0.86 in
02	2104	0.357 lb/ft	Movable louver 2.36 in
03	2105	0.280 lb/ft	Ending profile for movable louver 2104
04	2106	0.121 lb/ft	Ending profile for movable louver 2104

MOVABLE BLIND

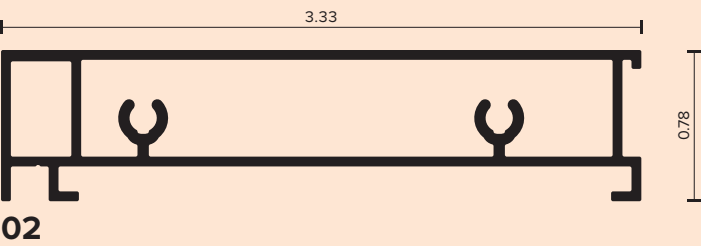
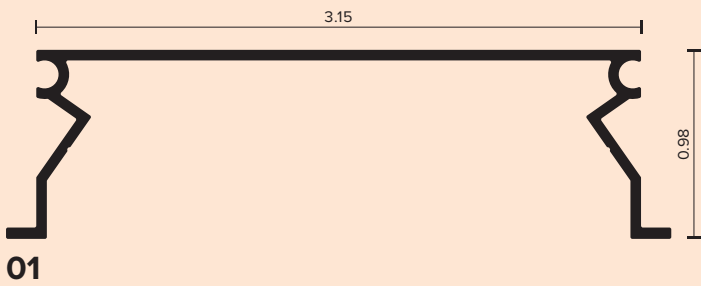


FIXED BLIND



01	SFS40.180.050	0.196 lb/ft	Fixed blind 1.97 in / 0.39 in
02	SFS40.135.012	0.075 lb/ft	Cover profile for fixed blind SFS40.180.050
03	SFS40.136.032	0.104 lb/ft	Sash cover profile for fixed blind SFS40.180.050
04	8146	0.171 lb/ft	Fixed blind 1.57 in / 0.31 in
05	8157	0.061 lb/ft	Cover profile for fixed blind 8146
06	8151	0.112 lb/ft	Sash cover profile for fixed blind 8146

CONNECTING PROFILES



01	SW40.159.080	0.377 lb/ft	Connecting profile 3.15 in
02	SW40.158.085	0.622 lb/ft	Cover profile 0.78 in / 3.35 in 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.



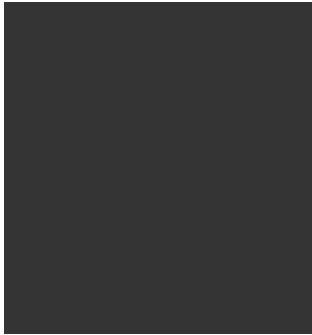
CLASS 2
SUPER DURABLE

MAKE THE RIGHT CHOICE

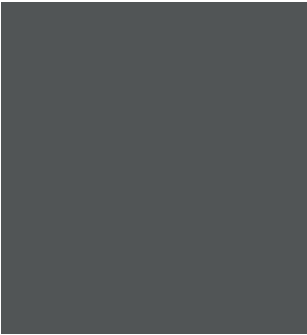
Combine the maximum corrosion protection offered by Pre-anodizing with a class 2 Super-durable powder coating for maximum color durability even in intense sunlight.

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.

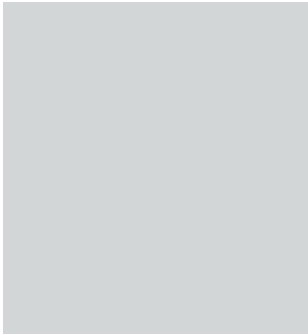
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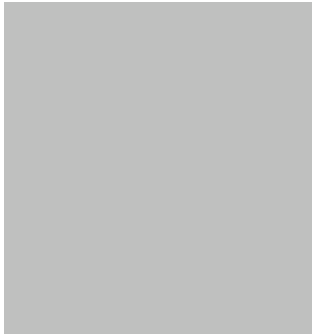
SAHARA.503



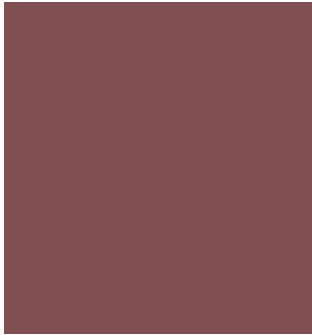
SAHARA.507



YW365F.GRIS 2150



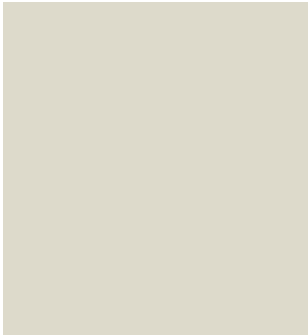
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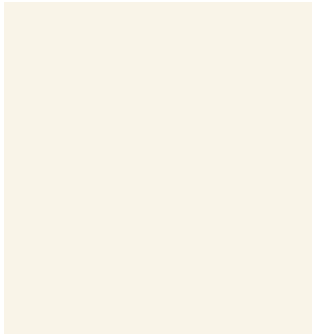
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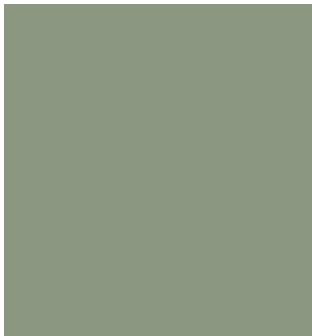
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AMMOS.9010



MESOGILOS.815



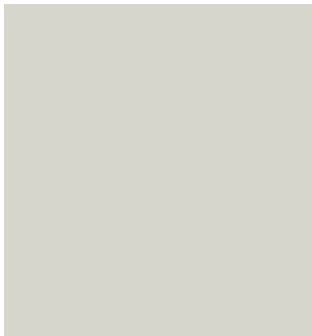
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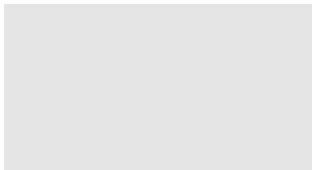
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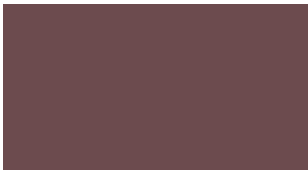
AMMOS.7047



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_
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BE DIFFERENT.

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