



ALUMINIUM PRESSED  
**PANELS**

**BIO.PANEL**

#### **CODES**

A: White glazing bar    0: Plain  
X: Golden glazing bar    E: Stained - glass type  
K: Safety

Colors on doors are just used for giving a general idea of their range of colors and they are not be used as a manufacturing color pattern. Stained glass and fused glass panes are handmade and the final result may be a bit different from the initial design.

BIOPANEL S.A. aiming at product improvement reserves the right to modify partially or totally products that are included in the present catalogue without warning.

This present form was produced by BIOPANEL S.A. company (INDUSTRIAL AND COMMERCIAL SOCIETE ANONYME FOR METALLIC STRUCTURES). This present form and its content are the copyright of the company and are protected by the law. It is prohibited to republish and reproduce this present work, either in whole or in part or in summary, to paraphrase or adapt it, in any way or by any means, in mechanical, electronic, photocopying or other form, without the prior written permission of the company.

BIOPANEL was incorporated in 1975 focusing its activities on special metallic structures and factory equipment. In 1990 it started the production of panels and soon became one of the largest and most successful companies in the sector.

Adhering to its vision, it has kept investing on technological development and skilled staff, thus offering top quality functional panels that feature innovative designs and unique aesthetics.

BIOPANEL presents new product series, with emphasis on the wide variety of aluminium panels with stainless steel decorative elements and at the same time it has pioneered thanks to the release of an excellent series of traditional panels, and especially those featuring a large external safety.

By taking advantage of the latest developments and trends in the market, BIOPANEL is now releasing Aluminium Armoured Doors, by customizing modern architecture and total safety to your own requirements, combining traditional or modern designs with the reliability of its name.

Among the constructional solutions that BIOPANEL offers, the following are also provided:

- Aluminium panels.

A very broad selection of Pressed (stamped), Traditional, Traditional with large safety, "Tilt & Turn" window function and Modern with inox decoration.

- Armoured doors.

Unbeaten safety and diachronic endurance because of aluminium, in a variety of designs, colours and texturing.

- Railing systems.

System BIO.100 of anodized Aluminium rails in stainless steel (inox) colour.

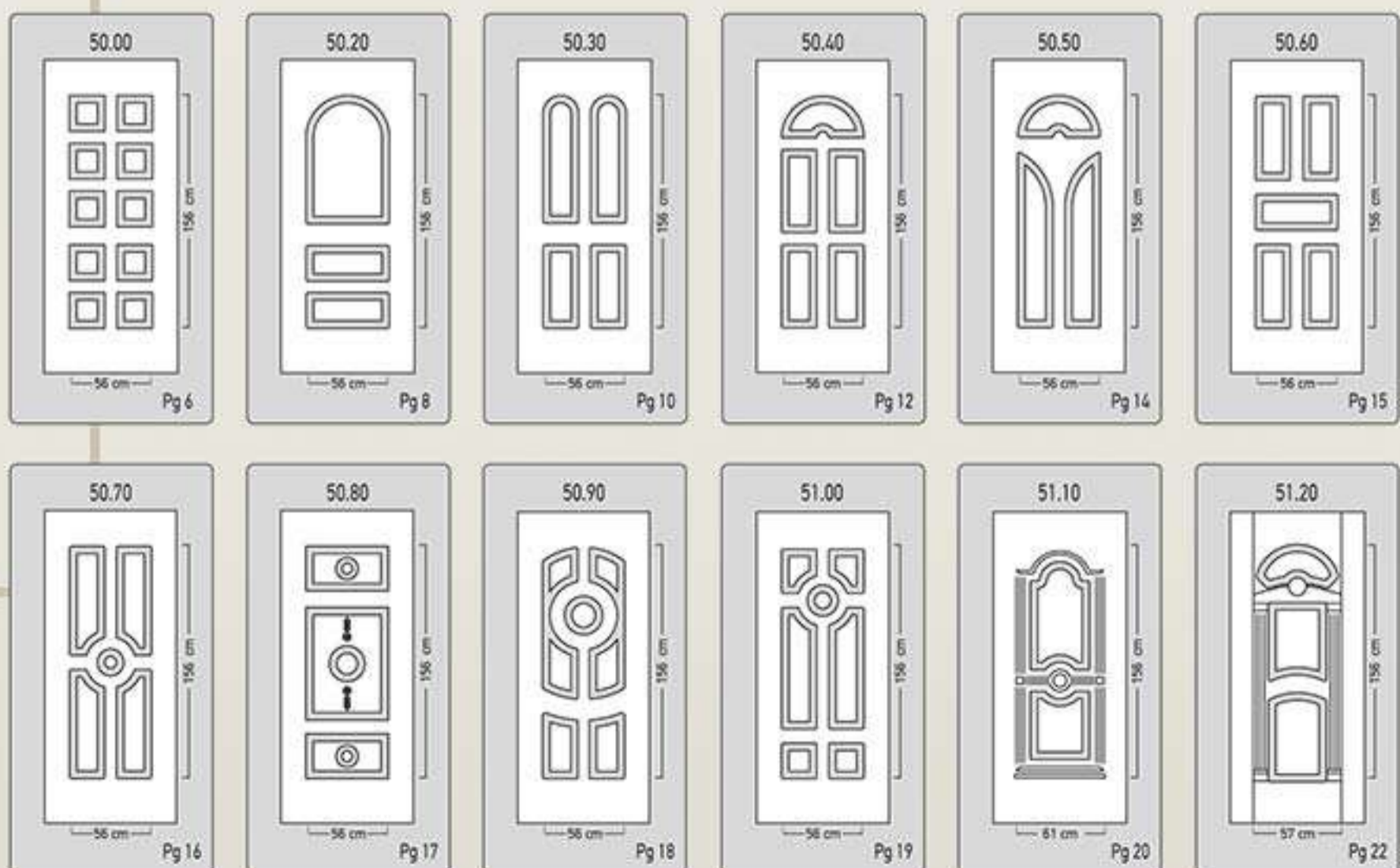
- Door accessories.

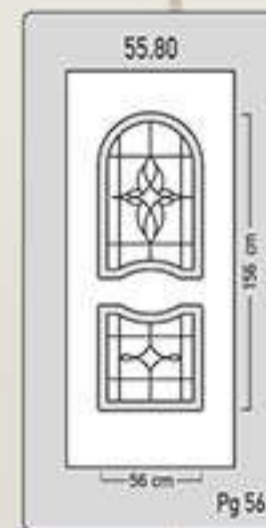
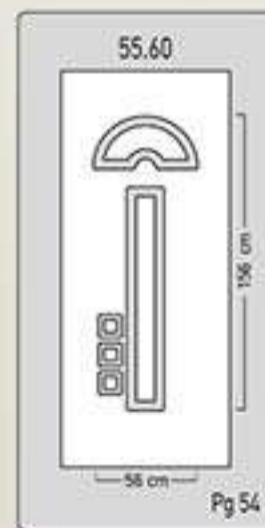
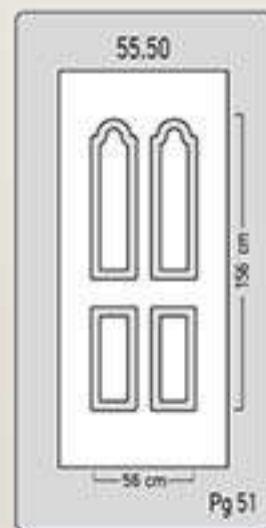
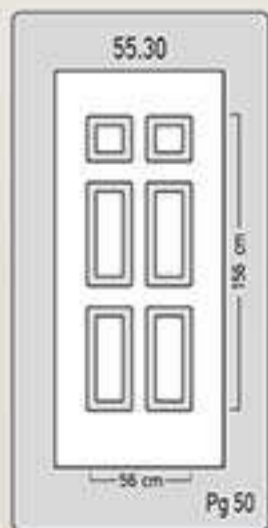
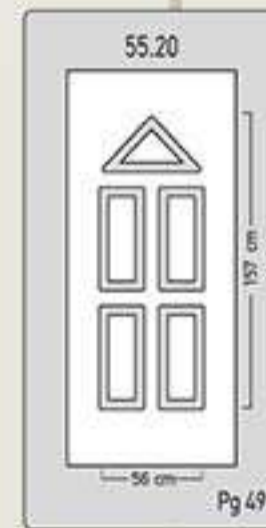
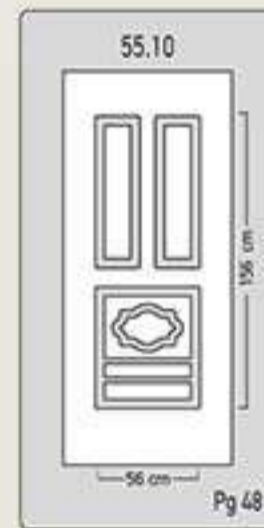
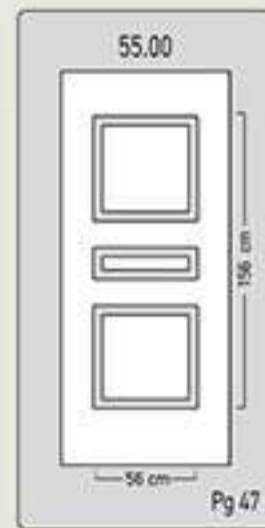
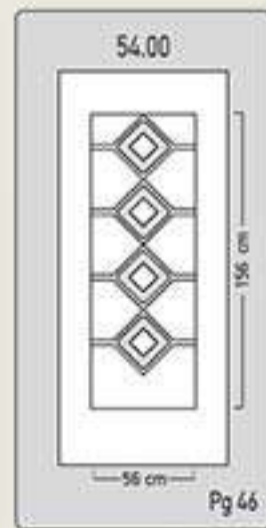
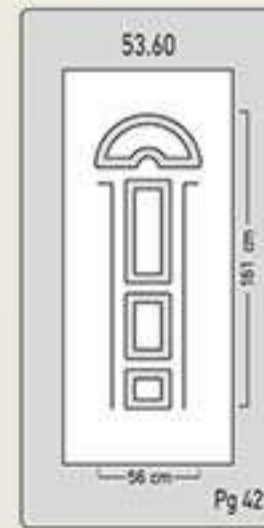
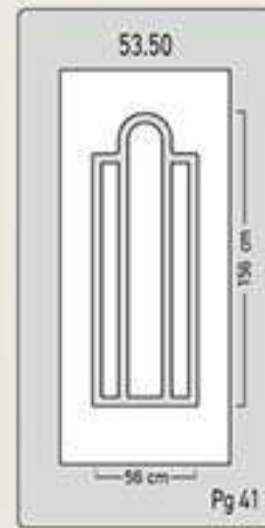
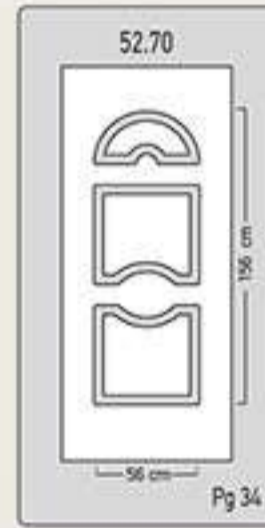
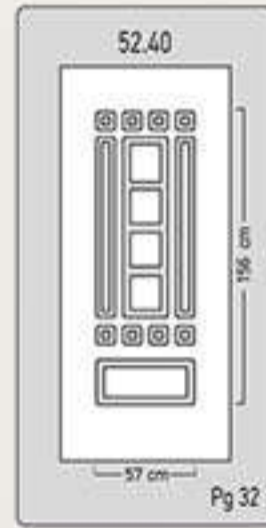
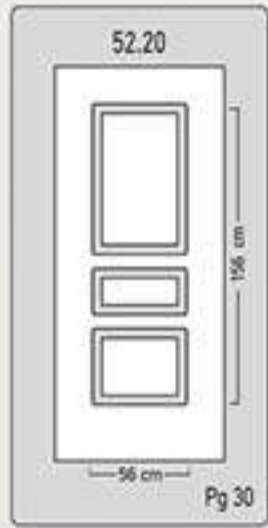
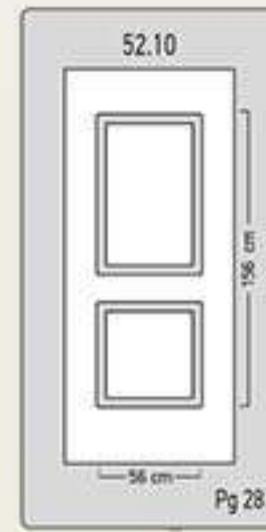
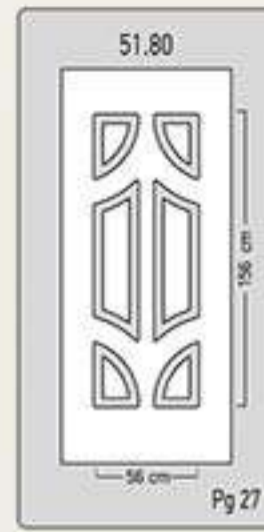
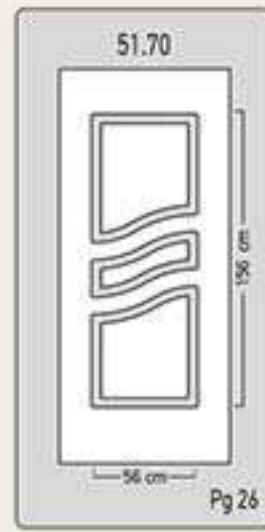
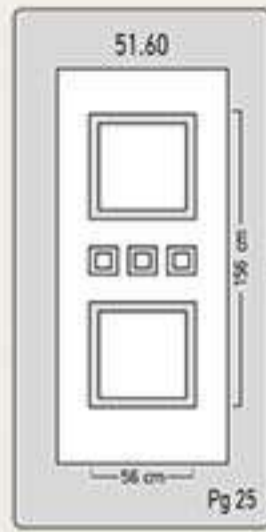
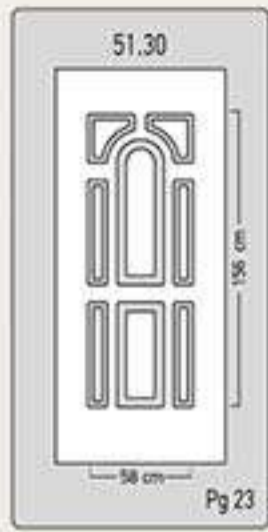
New range of large inox door knobs suitable for every aluminium door type and design with great endurance and modern style.

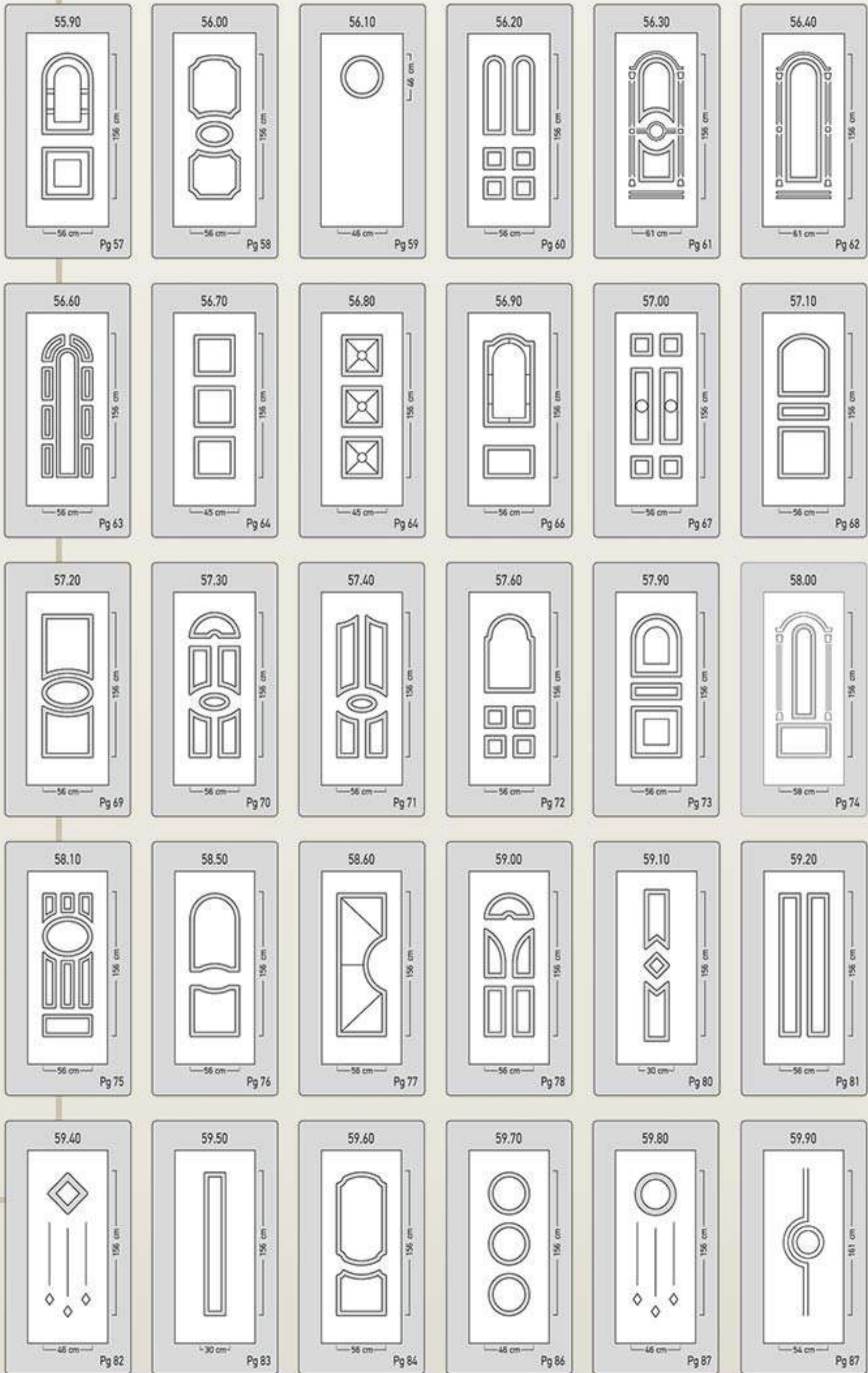
# INDEX

1	COMPANY PROFILE
2	DESIGN INDEX
5	TECHNICAL SPECIFICATIONS
6	PANEL DESIGNS
90	SPECIAL CONSTRUCTIONS
91	PARTS OF PANELS
92	NARROW DESIGN PANELS
94	SIDE PANELS
96	HANDLES & DOOR KNOBS

## DESIGN INDEX







**Pressed - Stamped Panels**

Pressed panels are produced in sizes 90 X 210 cm or 105 X 230 cm (upon request) meeting such specifications that make them resistant to all types of weather conditions (-30° C to 120° C) ensuring high sound and heat insulation.

They are manufactured from aluminium sheet in a great variety of designs, thus meeting all your needs. When manufacturing a panel, we have to choose of two different types of insulation material: XPS (Extruded Polystyrene) and Marine plywood.

- GREAT VARIETY OF PANEL DESIGNS
- DOUBLE GLAZING
- ENERGY EFFICIENT GLAZING (*Low-E*) \*
- TRIPLEX GLAZING \*
- WIDE SELECTION OF GLASSES
- MANY OPTIONS ON SAFETIES
- CERTIFIED POWDER COATINGS

\* (*Upon Request*)

Standard Aluminium Sheet Thickness	1mm
Aluminium Sheet Thickness ( <i>Upon Request</i> )	1,2mm
Standard Aluminium Sheet Thickness with Insulation Material ( <i>XPS</i> )	22mm
Standard Aluminium Sheet Thickness with Insulation Material ( <i>Marine Plywood</i> )	21mm
Thermal Resistance Coefficient	$RD=m^2K/W=0,55$
Thermal Conductivity Coefficient	$\lambda d=W/M^2K=0,040$



CERTIFICATES

10-001596-PB01-H07-06-de-01

10-001596-PB02-H07-06-de-01



| 50.06-E4



| 50.06-K1



| 50.10-X





| 50.00

| 60.10-0



| 50.21-E5



| 50.20



| 50.21-K6



| 5021-E4



| 50.21-K4



| 50.21-K1



| 50.21-X

| 60.21-X



| 50.30



| 50.32-E3



| 50.32-K6



| 50.32-A



| 50.32-K3



| 50.32-E1



60.30

50.32-K2



| 50.41-A



| 50.43-K5



| 50.43-X



| 50.43-E5



| 50.43-E6



| 50.43-K3



| 50.40

| 60.43-0



| 50.53-X



| 50.50



| 50.51-K1





| 50.62-K1



50.60



| 50.64-X



| 50.72-0



| 50.70



| 50.74-A



| 50.81-0



| 50.80



| 50.90



| 50.91-0



| 51.04-A



| 51.00



| 51.02-X



| 51.11-A



| 51.11-K1



| 51.10



| 51.11-E2



| 51.11-K2



| 51.11-E5



| 51.20



| 51.21-X



| 51.22-A





| 51.31-K2



| 51.30



| 51.31-X



| 51.31-K1



| 51.50



| 51.51-E2



| 51.53-0



| 51.61-E1



| 51.60



| 51.70



| 51.71-0



| 51.71-E1



| 51.84-X



| 51.82-A



| 51.80



| 52.10



| 52.11-K1



| 52.11-A



| 52.11-K2



| 52.11-K4



| 52.11-E2



| 52.21-A



| 52.20



| 52.21-E1





| 52.31-X



| 52.31-A



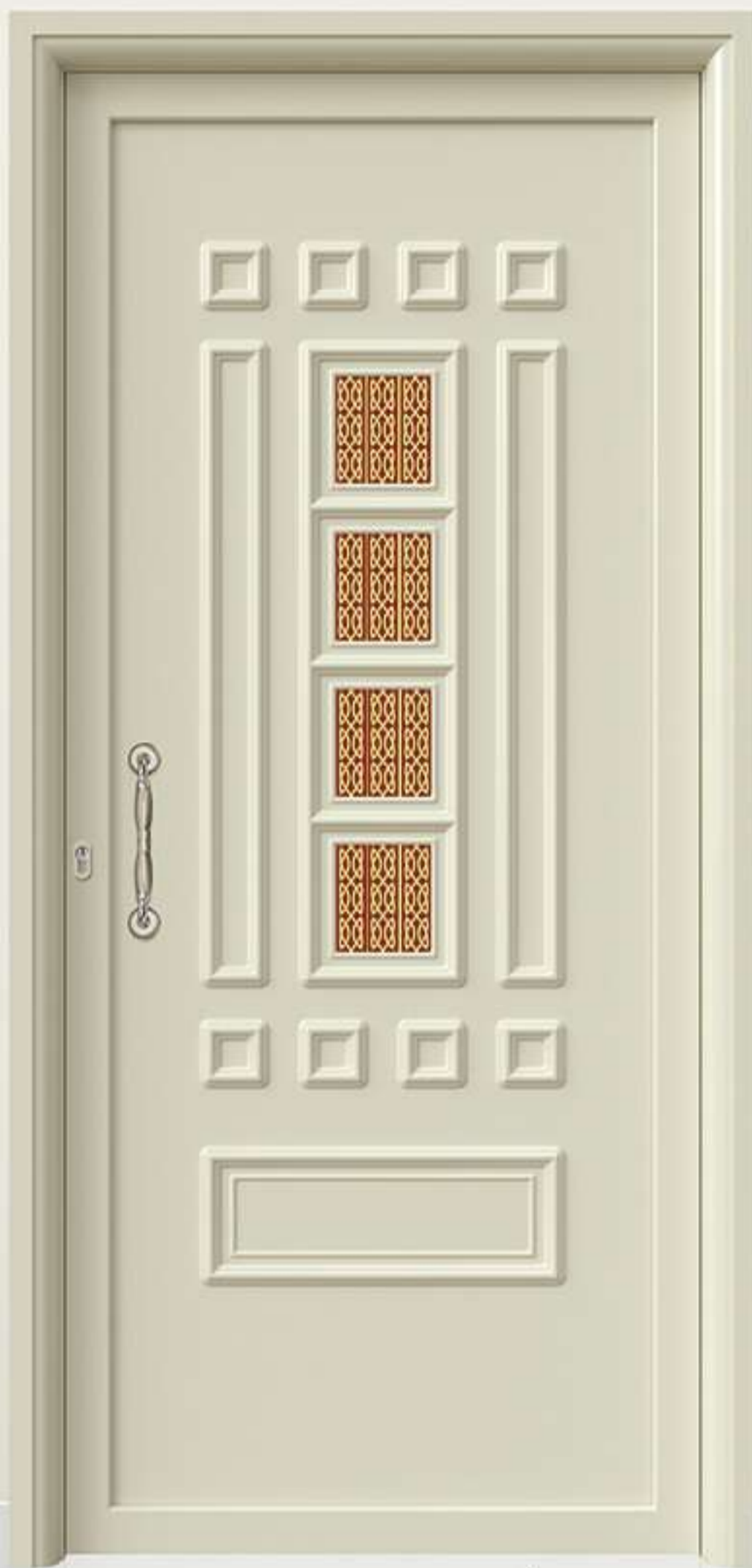
| 52.30



| 52.40



| 52.44-K2



| 52.44-E4



| 52.44-K1



| 52.70



| 52.72-X



| 52.71-E1



| 52.85-X



| 52.80



| 52.81-A



| 52.90



| 52.94-X



| 52.92-A



| 53.14-X



| 53.12-A



| 53.10



| 53.01-A



| 53.00



| 53.01-E3



| 53.01-K4



| 53.01-K1



| 53.01-E1







| 53.21-0



| 53.20



| 53.21-X



| 53.51-X



| 53.51-0



| 53.50



| 53.60



| 53.61-A



| 53.62-K1



| 53.71-K1



| 53.71-A



| 53.70



| 53.90



| 53.80



| 53.91-A



| 53.81-K3



| 53.91-E3



| 54.00



| 54.04-0





| 55.01-E4



| 55.00



| 55.01-K1



| 55.12-A



| 55.10



| 55.12-K1



| 55.12-K3



| 55.12-K2



| 55.23-A



| 55.21-X



| 55.20



| 55.32-A



| 55.30



| 55.34-X



| 55.52-K1



| 55.50



| 55.52-X



| 55.40



| 55.41-X



| 55.41-A



| 55.41-E2



| 69.01-0

| 55.41-K1

1  
8  
5  
5



| 55.61-A



| 55.60



| 55.62-0





| 55.72-E3



| 55.70



| 55.72-X



| 55.80



| 55.81-E3



| 55.81-K1



| 55.90



| 55.91-K1



| 55.91-A



| 56.01-A



| 56.01-0



| 56.00



| 56.11-E2



| 56.11-0



| 56.10



| 56.22-E7



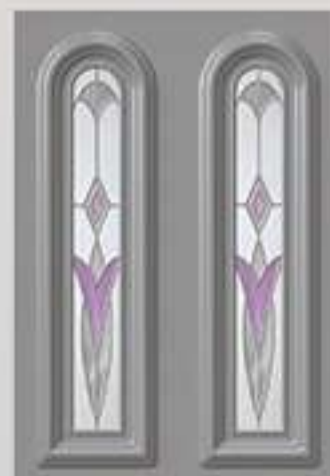
| 56.20



| 56.22-X Ρόμβος



| 56.22-K1



| 56.22-E6



| 56.31-K2



| 56.30



| 56.31-K1



| 56.31-E1



| 56.31-A



| 56.40



| 56.41-K1





| 56.61-X



| 56.60



| 56.80



| 56.71-E1



| 56.73-X



| 56.81-K2



| 69.01-0

| 56.73-K1



| 56.91-E2



| 56.91-X



| 56.90



| 57.04-E2



| 57.00



| 57.02-A



| 57.11-X



| 57.10



| 57.11-K1



| 57.21-0



| 57.20



| 57.33-A



| 57.30



| 57.35-X





| 57.42-X



| 57.40



| 57.42-A



| 57.60



| 57.61-A



| 57.92-A



| 57.91-X



| 57.90



| 58.00



| 58.01-A



| 58.01-X Ρόμβος



| 58.11-K1



| 58.10



| 58.11-0



| 58.50



| 58.51-K1



| 58.51-A



| 58.60



| 59.01-A



| 59.00



| 59.03-X





| 69.01-0

| 59.03-A



| 59.10



| 59.11-0



| 59.22-X



| 59.20



| 59.40



| 59.41-A



| 59.41-K1



| 59.41-E1



| 59.51-X



| 59.50



| 59.60



| 59.61-X



| 59.61-E3



| 59.70



| 59.73-0





| 59.90



| 59.80



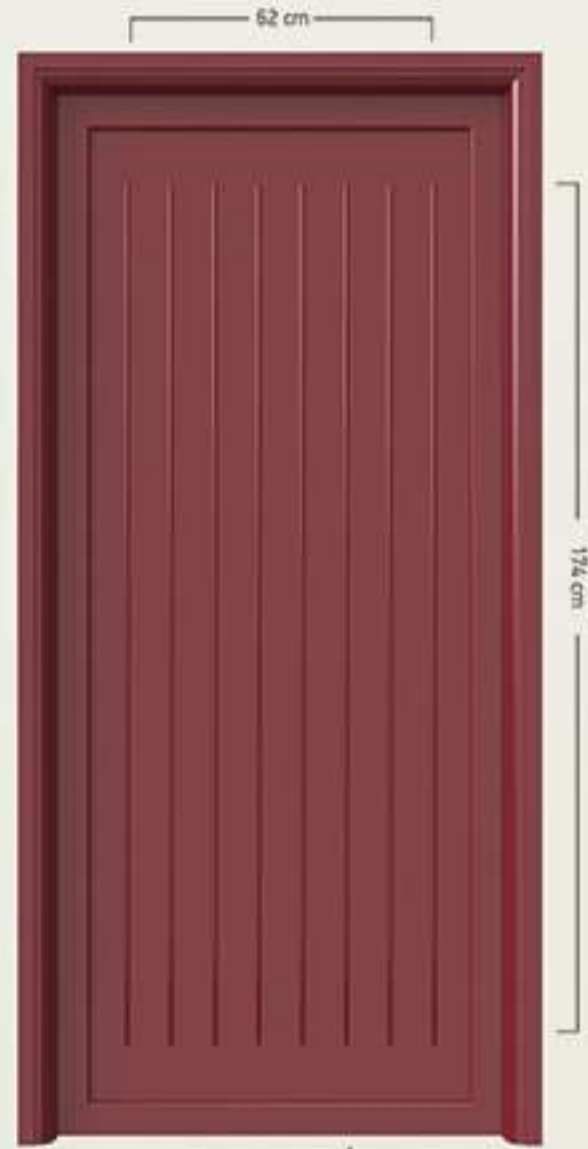
| 59.81-0



| 70.10



| 70.40



| 70.70



| 70.80



| 71.00



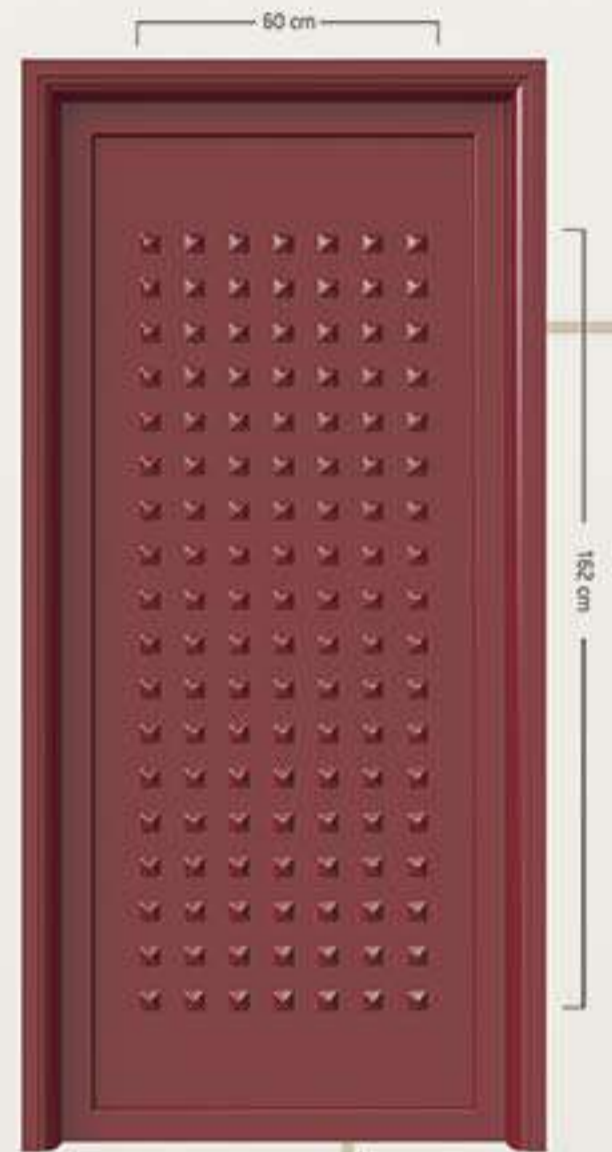
| 71.20



71.25



71.30



79.10



79.30



79.40

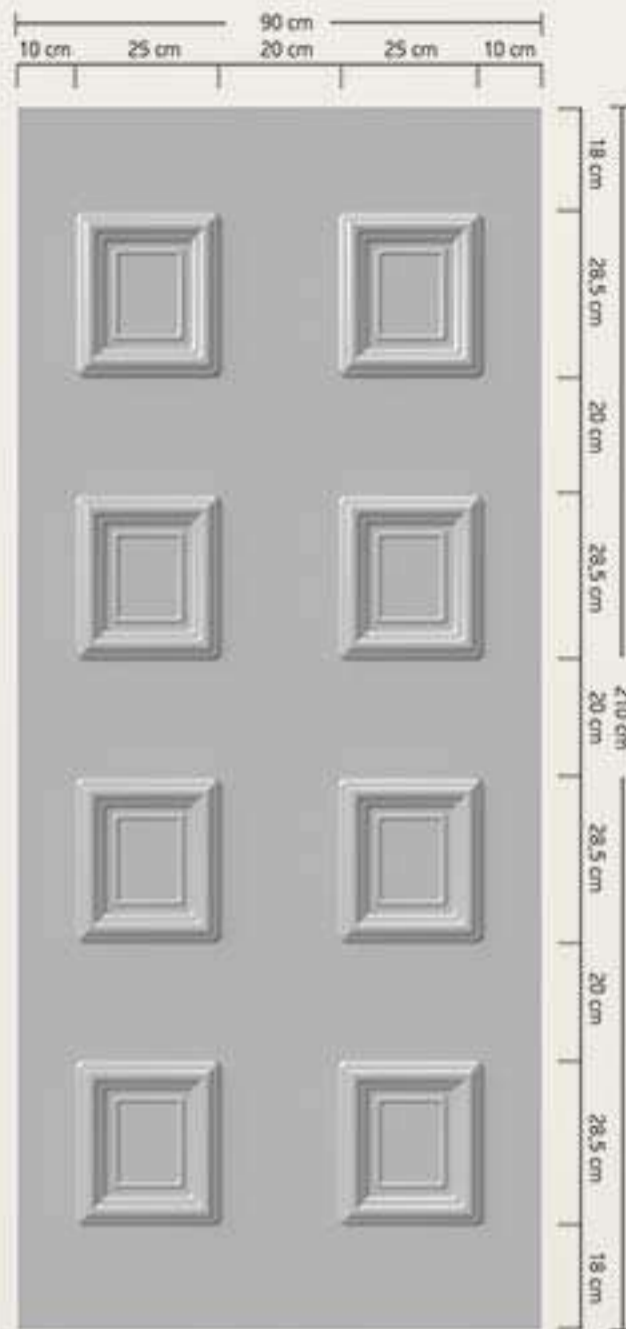


Concave design | 79.50

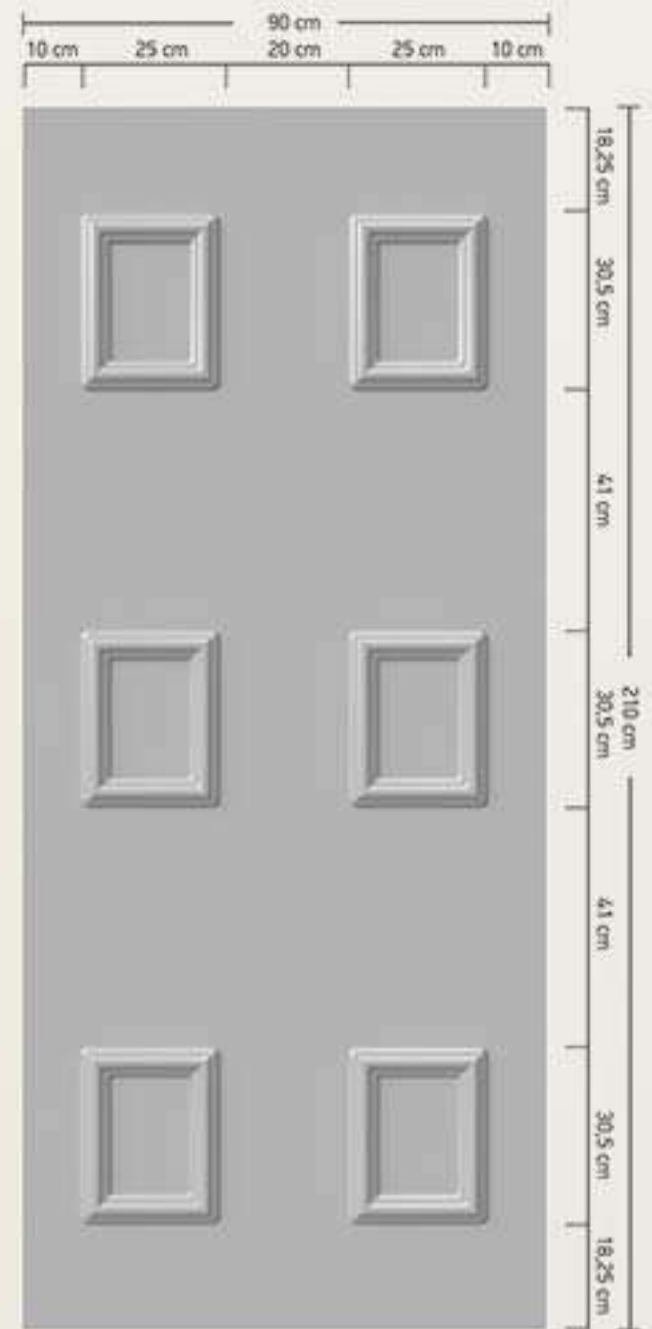
# SPECIAL CONSTRUCTIONS

## Special Constructions

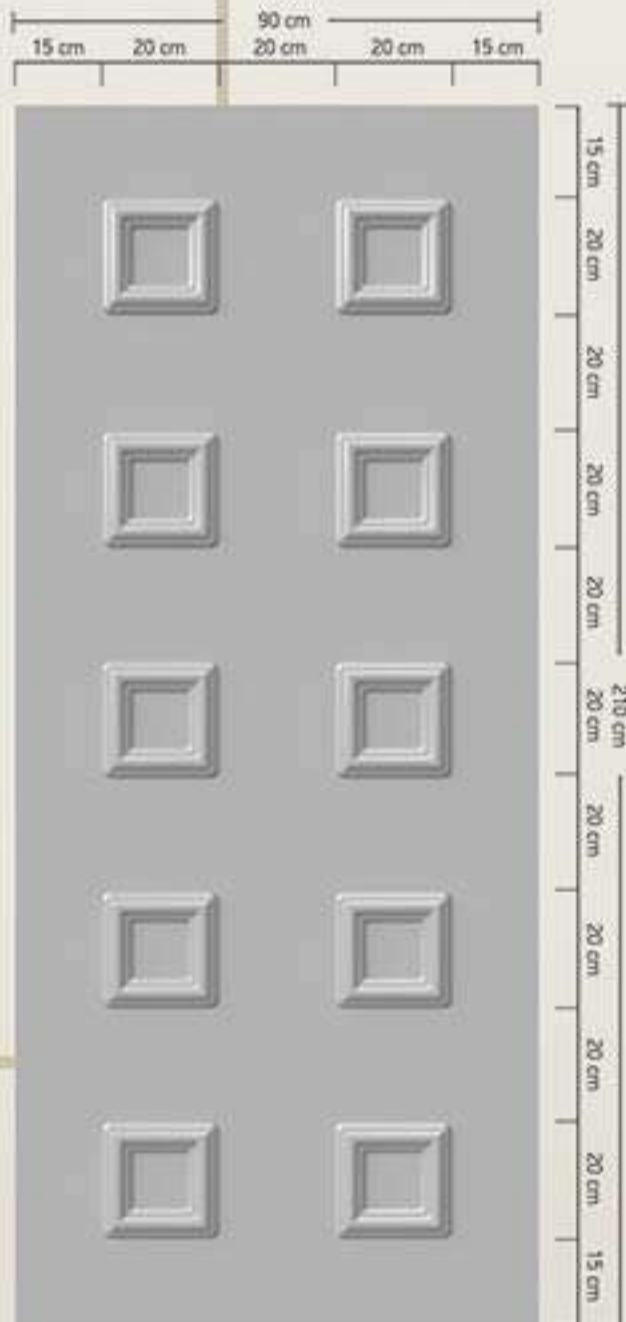
BIOPANEL has created special size panels for kitchen doors and windows.



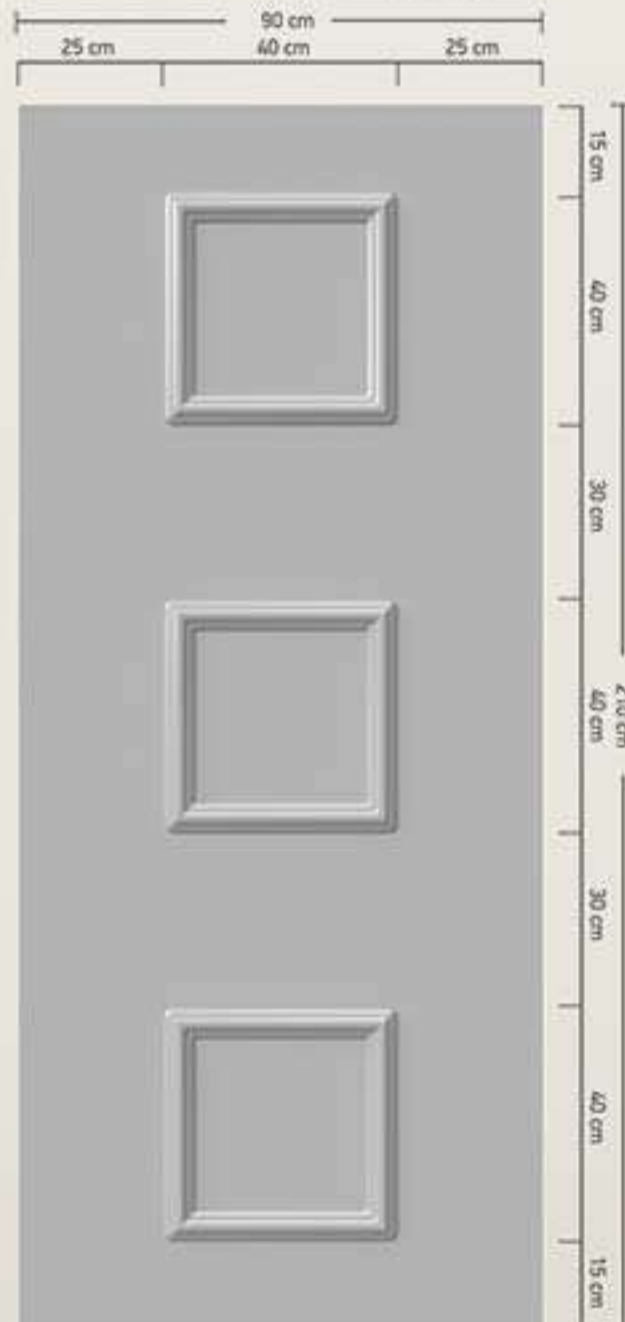
70.20



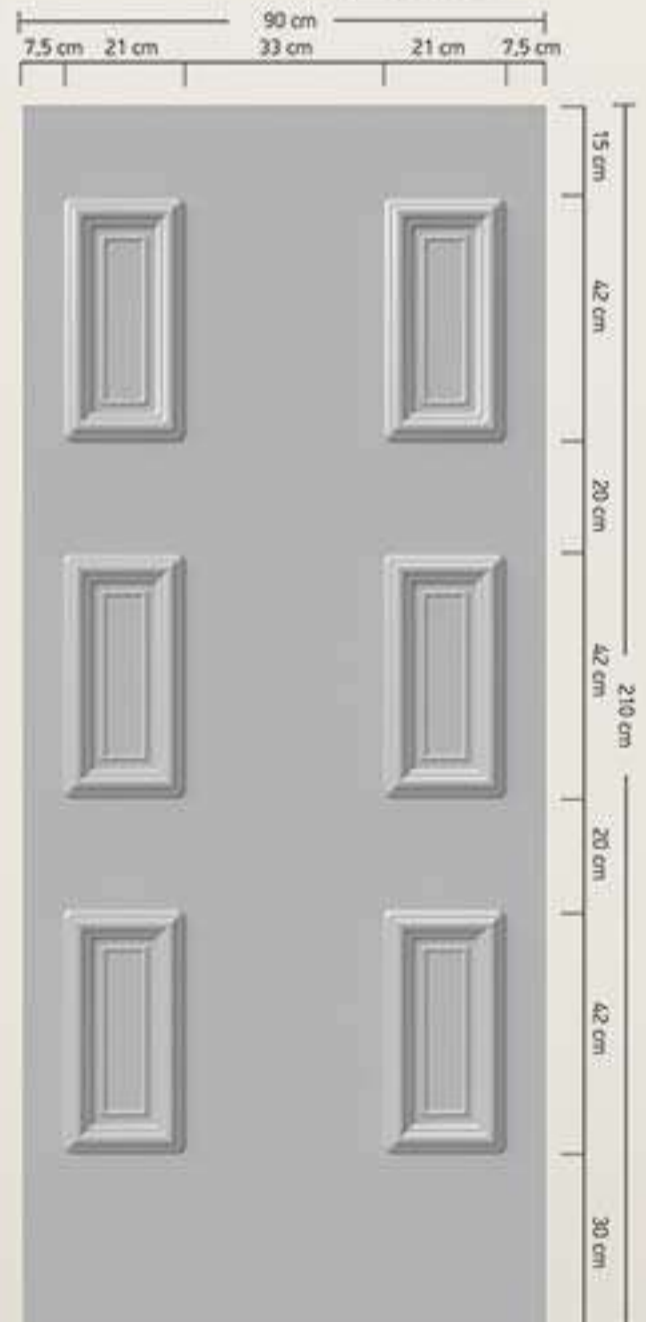
70.30



70.50

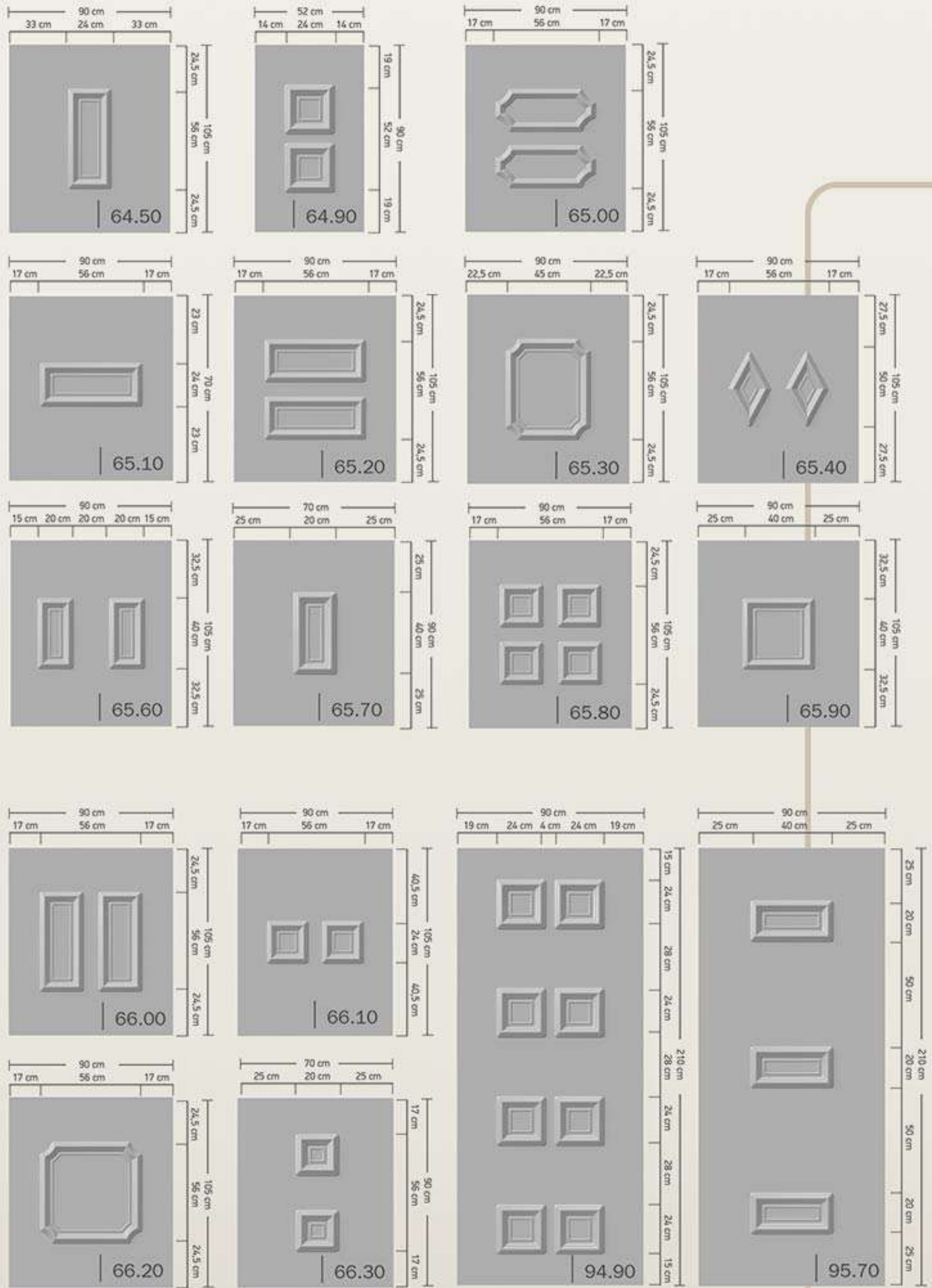


70.90



71.10

# PARTS OF PANELS



## NARROW DESIGN PANELS

### Narrow Design Panels

BIOPANEL has created the narrow design panels of 45cm wide instead of the 56cm (standard), for special structures. All codes can be fitted with a plain panes, as well as glazing bars, safeties and stain-glasses.



| 50.20-45



| 50.30-45



| 50.40-45



| 50.60-45



| 52.10-45



53.00-45



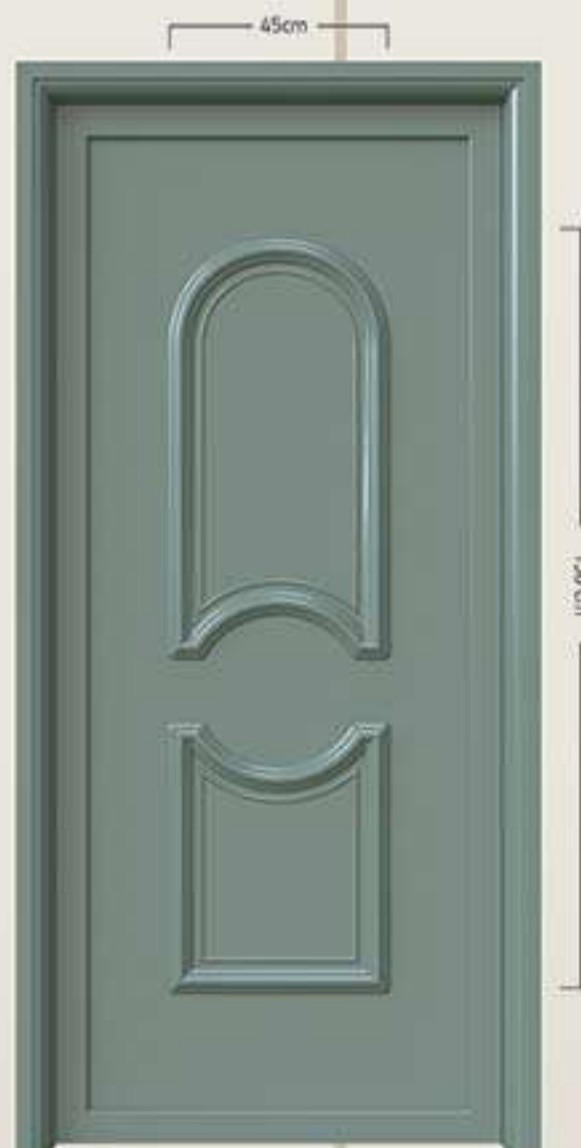
55.00-45



55.40-45



56.70-45



58.50-45

## SIDE PANELS (45 X 210 cm)

### Side Pressed Panels

Side pressed panels are produced in sizes 45x210 cm and 90x210 cm. All codes can be fitted with the corresponding panes used for main door.



60.00



60.20



60.30



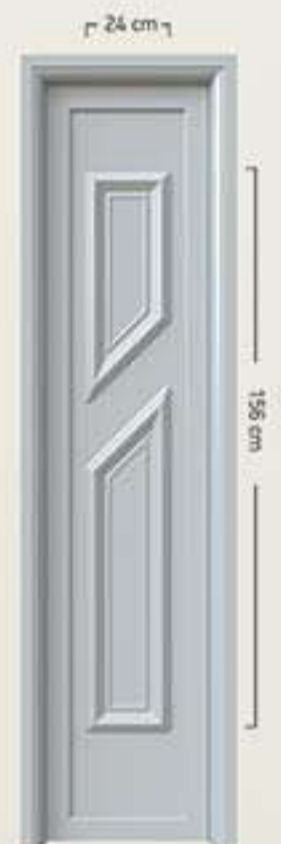
60.40



60.50



60.60



62.90



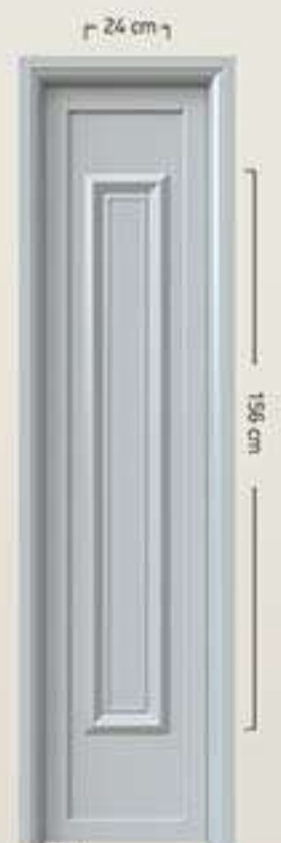
63.00



65.50



68.00



69.00



SIDE PANELS (90 X 210 cm)

**BIO.PANEL**





## Inox



## Traditionals



## Armoured Doors



...Choose between thousands of models

Request our detailed catalogues & visit our website

[www.biopanel.eu](http://www.biopanel.eu)

# **BIO.PANEL**

A L U M I N I U M   P A N E L S  
R A I L I N G S   -   F I R E   D O O R S  
A R M O U R E D   D O O R S

R E P R E S E N T A T I V E



**B I O P A N E L   S . A .**

55-57, TH. PALEOLOGOU STR. - 136 73, ACHARNES, ATHENS, GREECE

exports@biopanel.gr - [www.biopanel.eu](http://www.biopanel.eu)