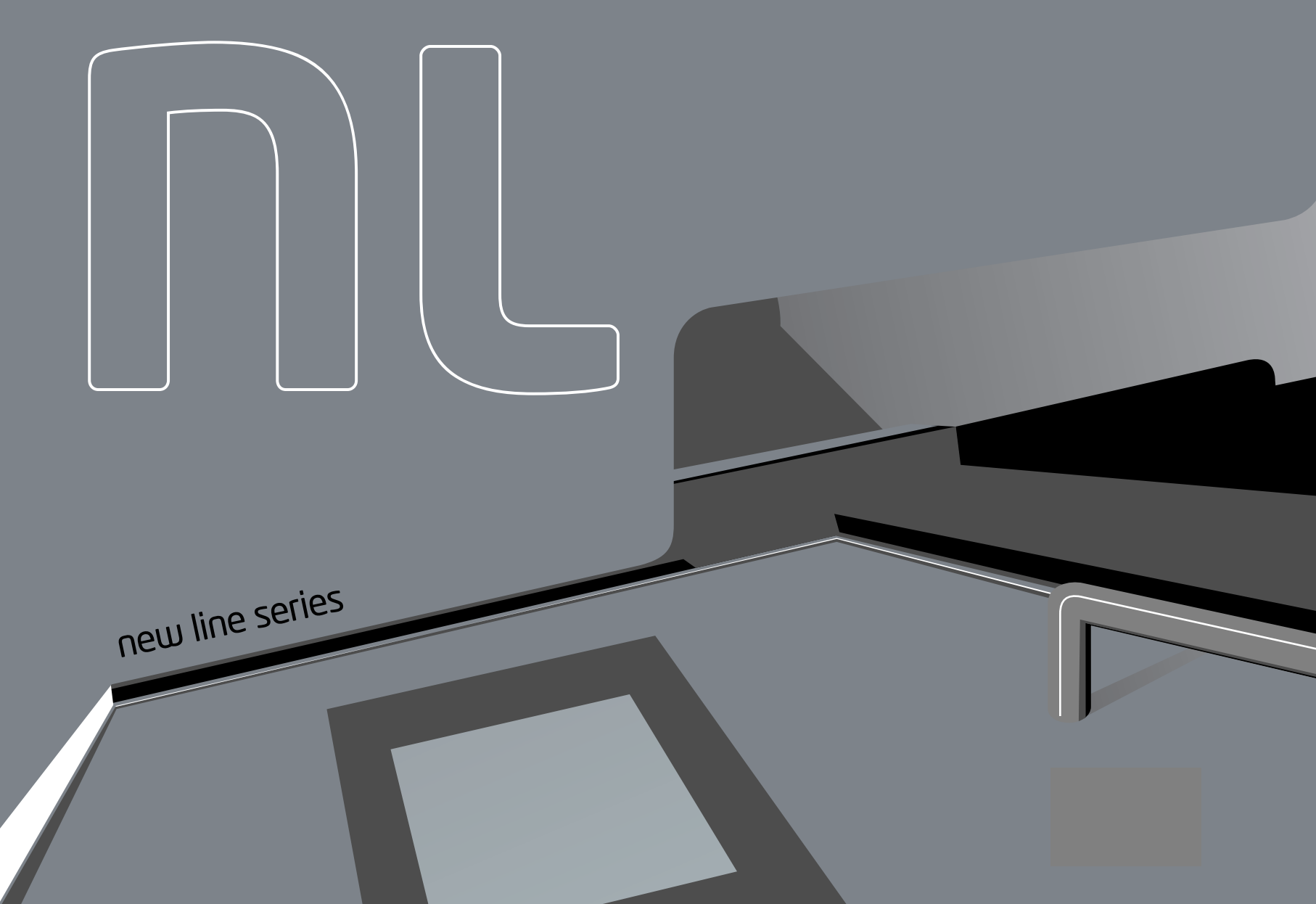
nl

new line series



índice

Introdução 02
NL1 04
NL2 08
NL3 12
NL4 16
NL5 20
NL6 24
NL7 28
NL8 32
NL9 36
NL10 40
NL11 44
NL12 48
NL13 52
NL14 56
NL15 60
NL16 64
ficha técnica 68
garantia 70

introduction

With this new panel series we make possible the achievement of your most elaborated wishes.

We can produce panel with embossment of several types of design, beeing possible to vary in shape, position and size of the embossments to apply.

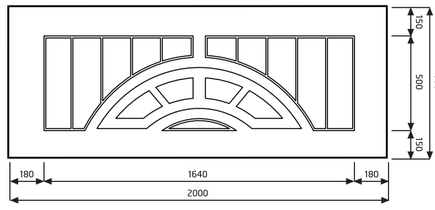
We will answer every request in the shortest period of time...

Founded in 1988, first located in Este-S.Pedro, Braga, with the main purpose to produce molds, metal stamps, shape cutters and similar, aiming metal-mecanic industry and aluminum foundry..

With such evolution and demand of the market, soon became the need of new facilities. It was in 1991. After considering several cases, we decided to move our plant to Adaúfe's Industrial Zone, where we bought the land property and started to build our new facilities, in 1993.

NL1

My home is our refuge. We share each other here. Beyond the door we leave the others. We feel protected. Our door give us privacy.



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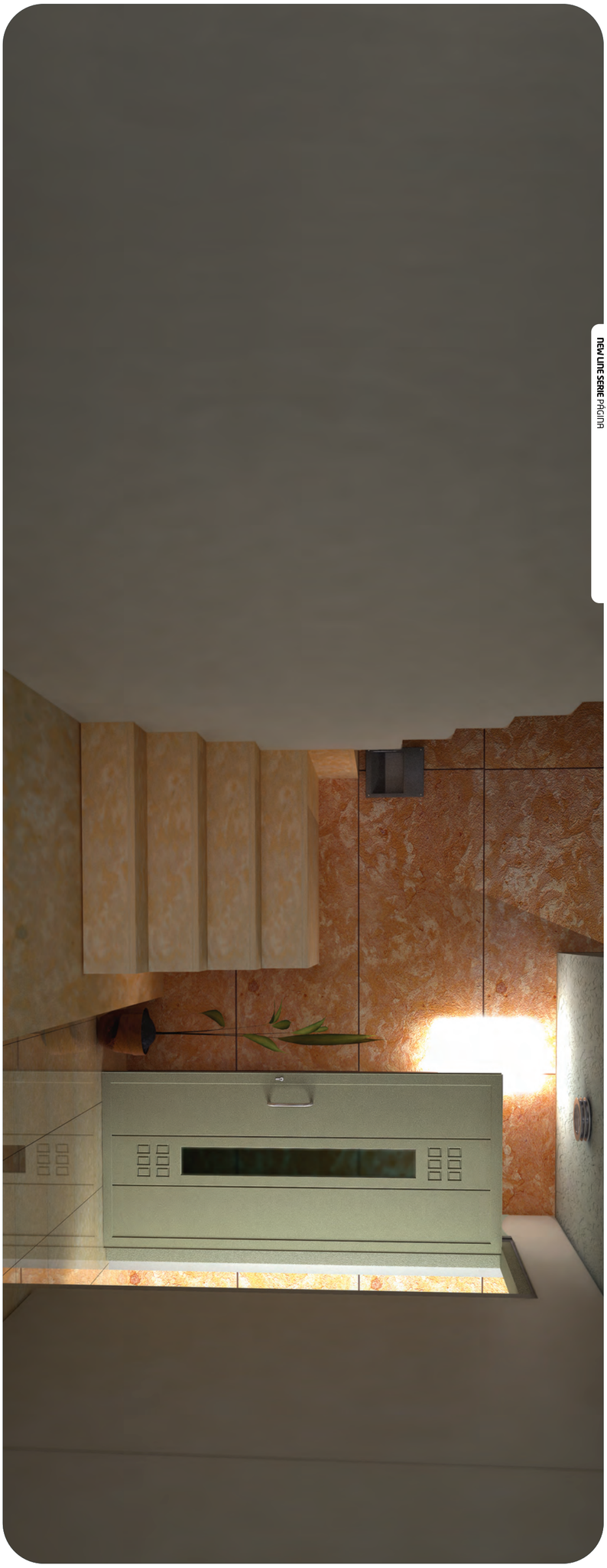
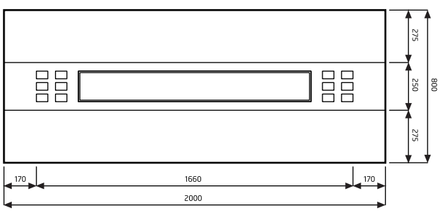


NL2

I like to run down the stairs to open you the door.
And in every moment it is in my door our embrace.



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NL3

I come home and I take off my shoes. I sit down. I close my eyes and I fall asleep. The clock stops in my couch and the hours lose it's sense. The time is only mine when I'm just with myself. I get lost in it. My door makes the time stop.

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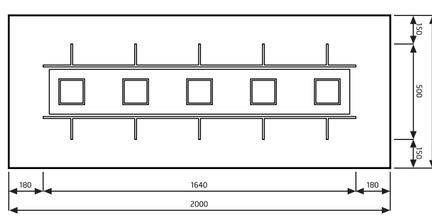
NL4

I like knocking every door and say "Good morning". My days of work feel good this way. We share more than information, we share secrets.
The doors are my friends.



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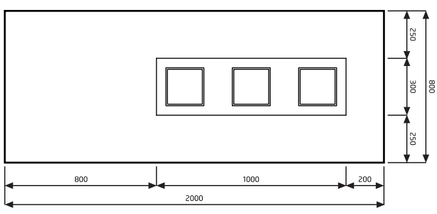
NL5

My house is also my workplace. My genius arises here. My concentration is here.
My door is my muse.



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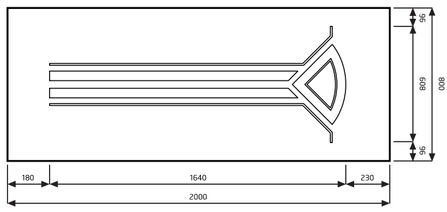
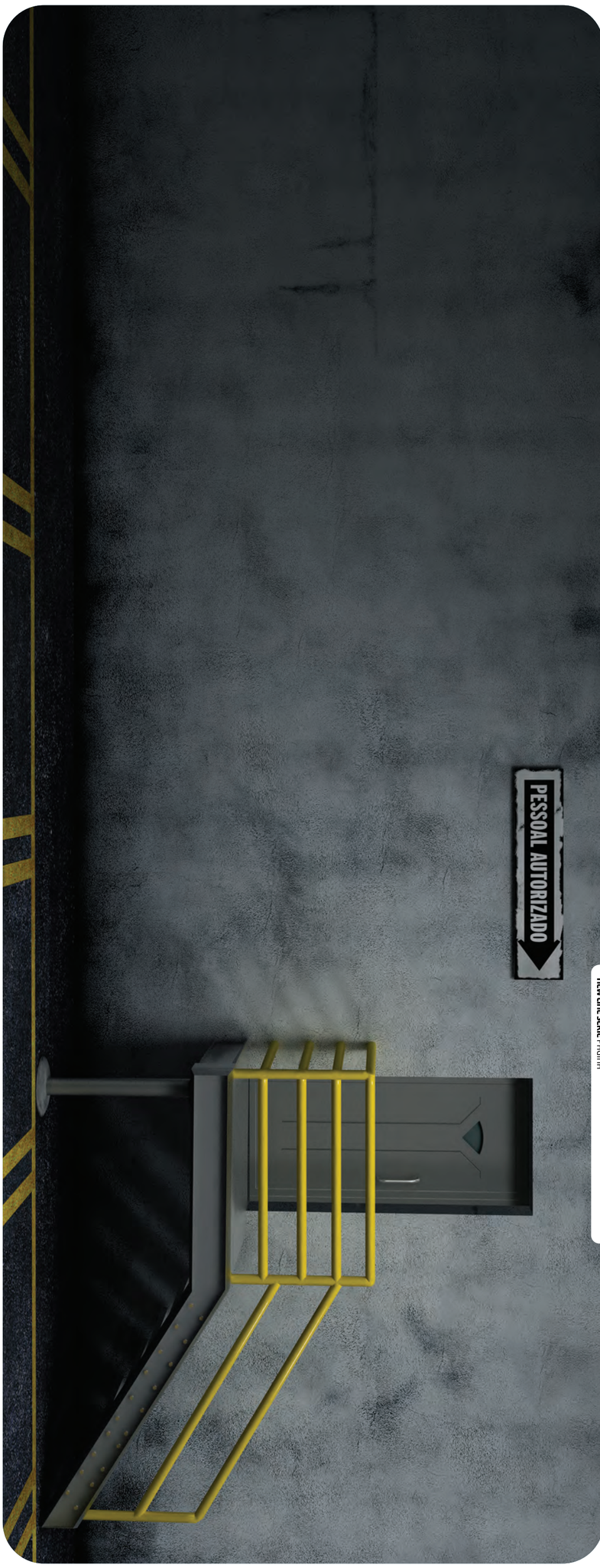
NL6

I know that there are places where I will always have a place. A door where I know I will always have the key.





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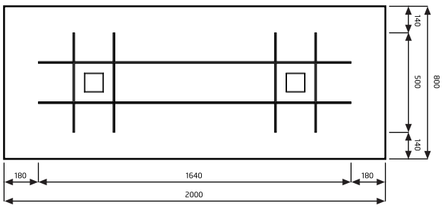
NL7

My house has art. I paint it with my own colors. They possess me, they give me energy, they transmit me a good mood. My door dresses my house with color.



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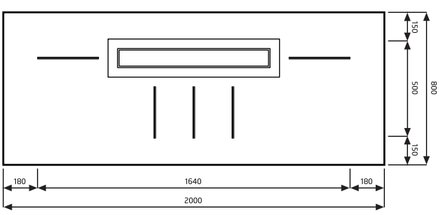
NL8

I love the comfort of my house. The intense days are over when I arrive to the home of the silent doors, I get calm after a constant stress. My door gives me tranquility.



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NL9

My kitchen combines essences. I walk through the door and the aromas settle in. Saffron, avocado, beet, blackberry, cherry, cinnamon, ginger, cocoa. My door isolates me in flavors.

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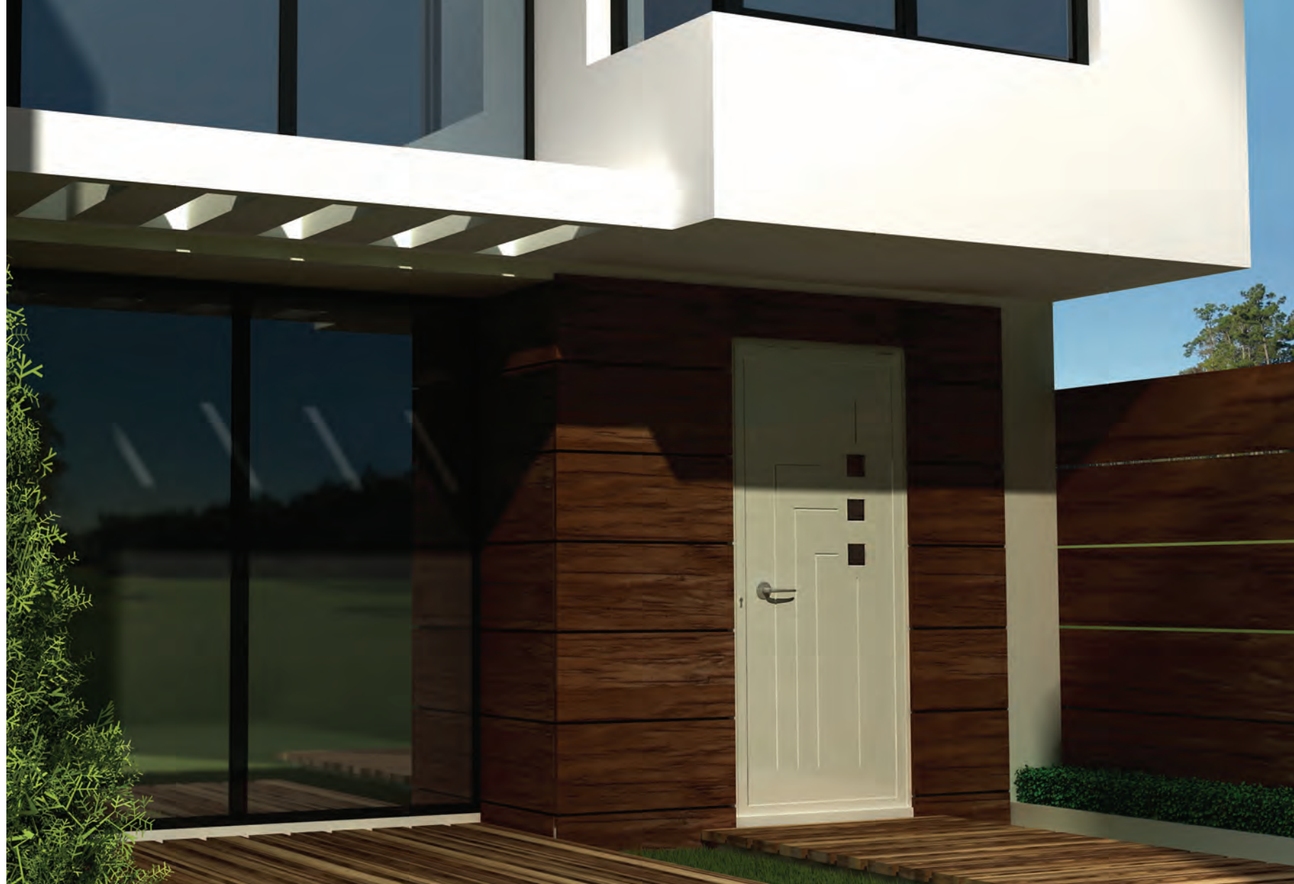
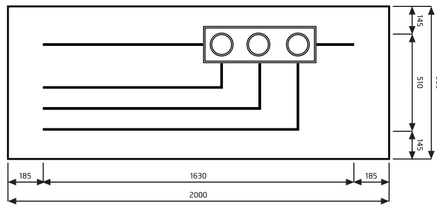


NL10

Here we learn the future. We discover.
We explore. We investigate. We experiment.
Opening doors to knowledge.



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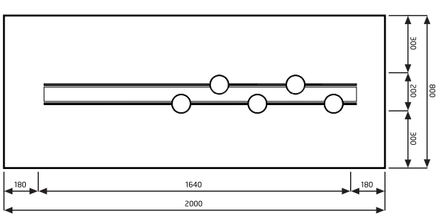

Stress is my life. Machine's furious movement that never stop. The screaming whispers that collide and blend with machines that never stop. The factory door that does not rest.

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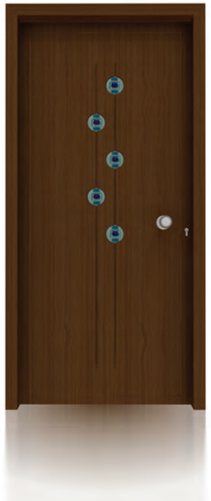

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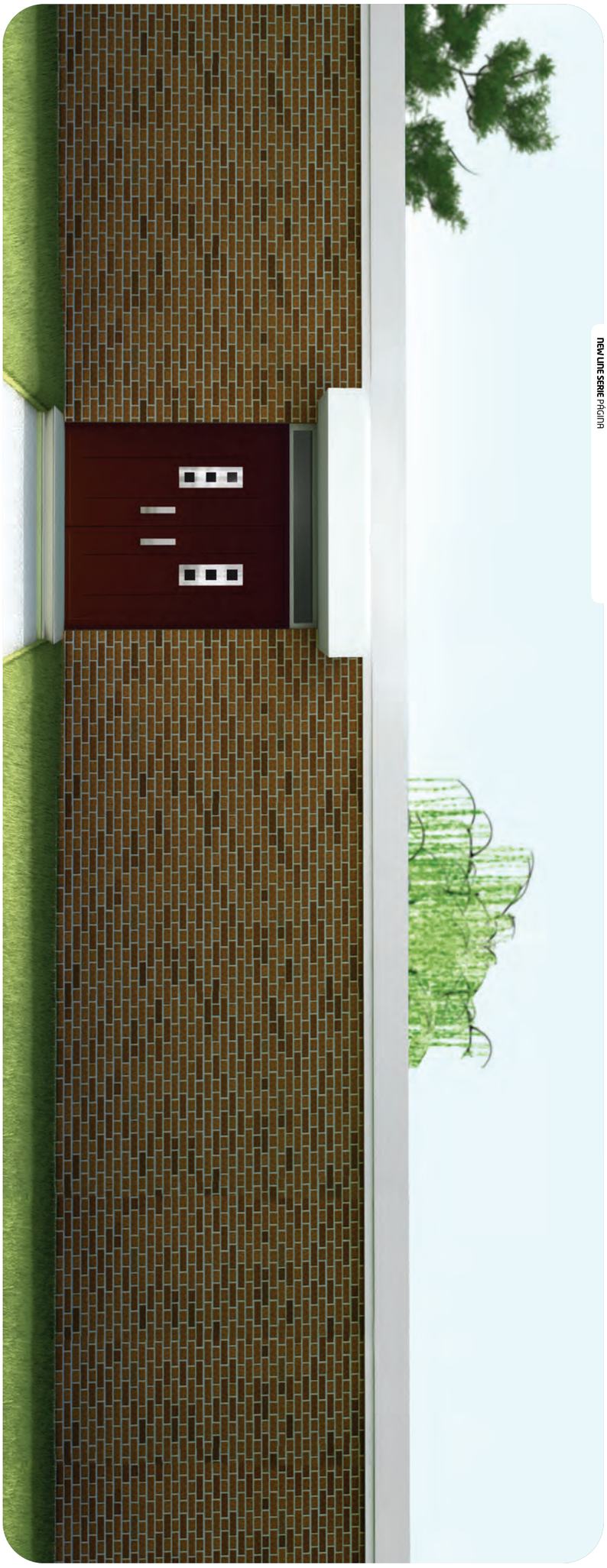
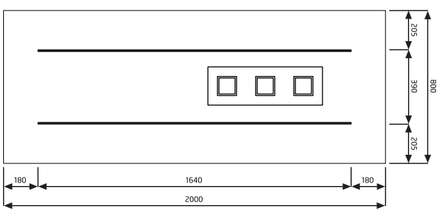


NL12

I like privacy. I like to lay down on the grass and open my arms - I feel fullfilled! My little things are beyound the walls. My door gives me a world only mine.



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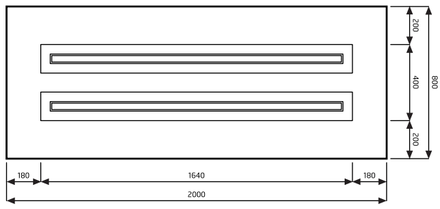
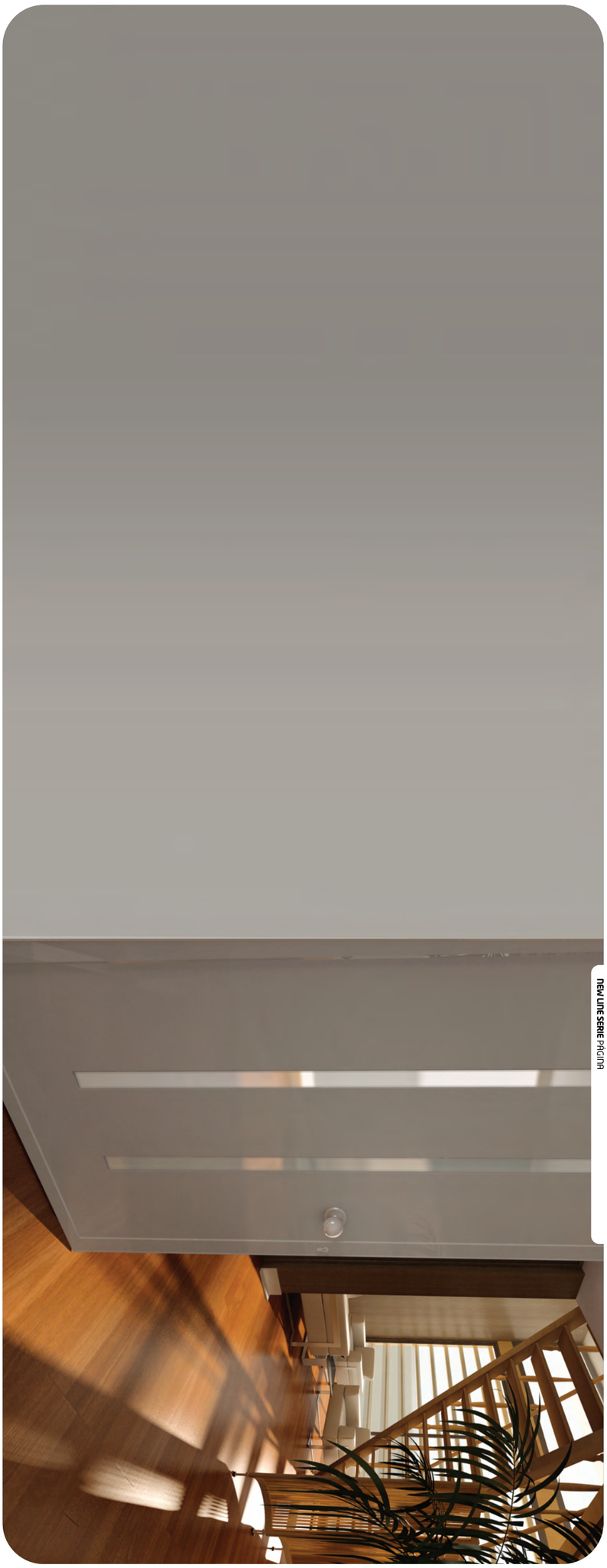
NL13

We love to play, by the end of the afternoon, when everybody is back. Our home becomes a theater of puppets. My door opens the stage of my house.





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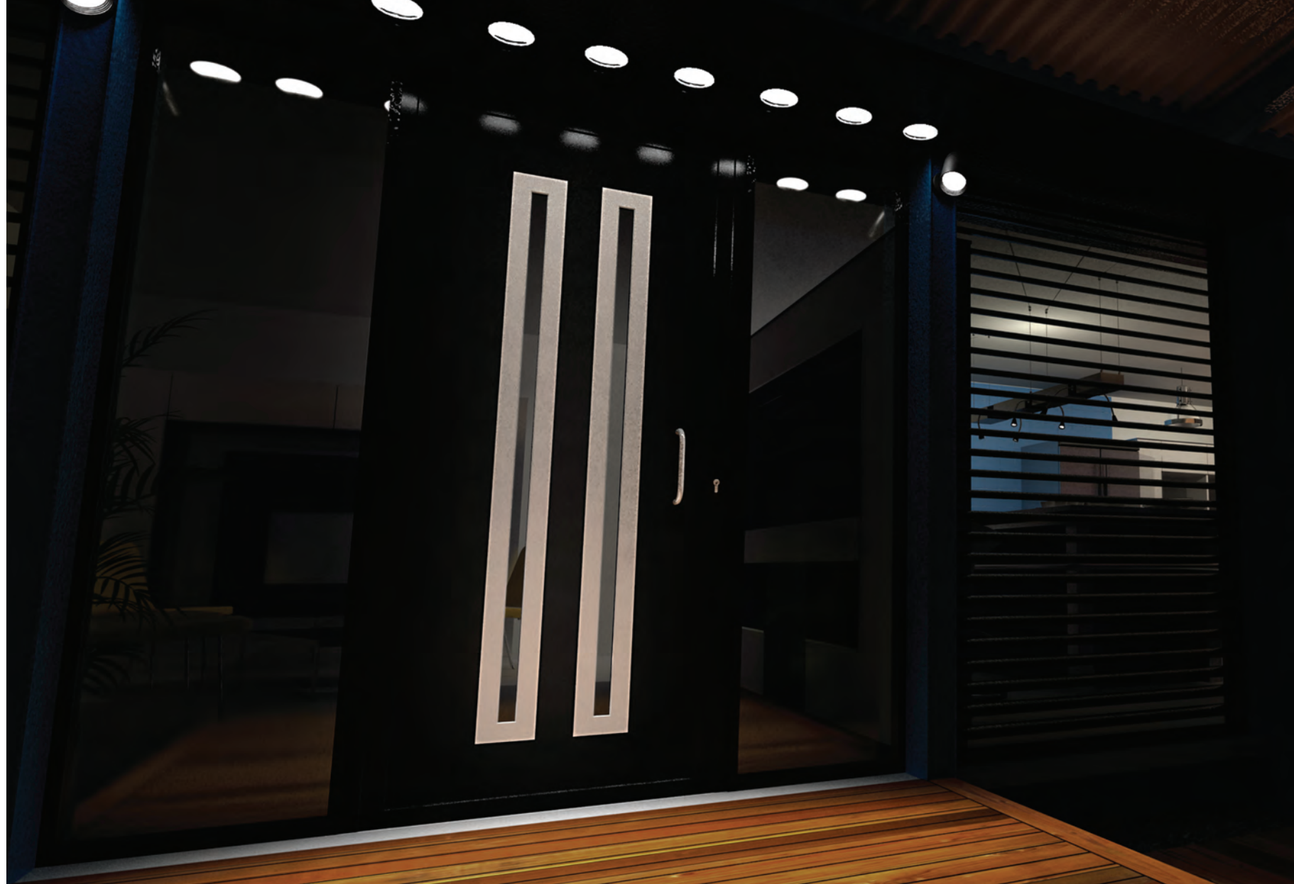
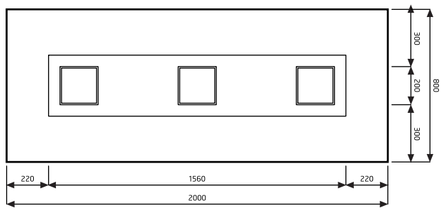


NL14

I like to innovate. I like contrast. I like when the old and new fit and contradict themselves.
I like to enter and feel that that is also my space.
My door connects me.



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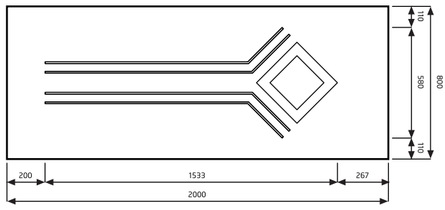
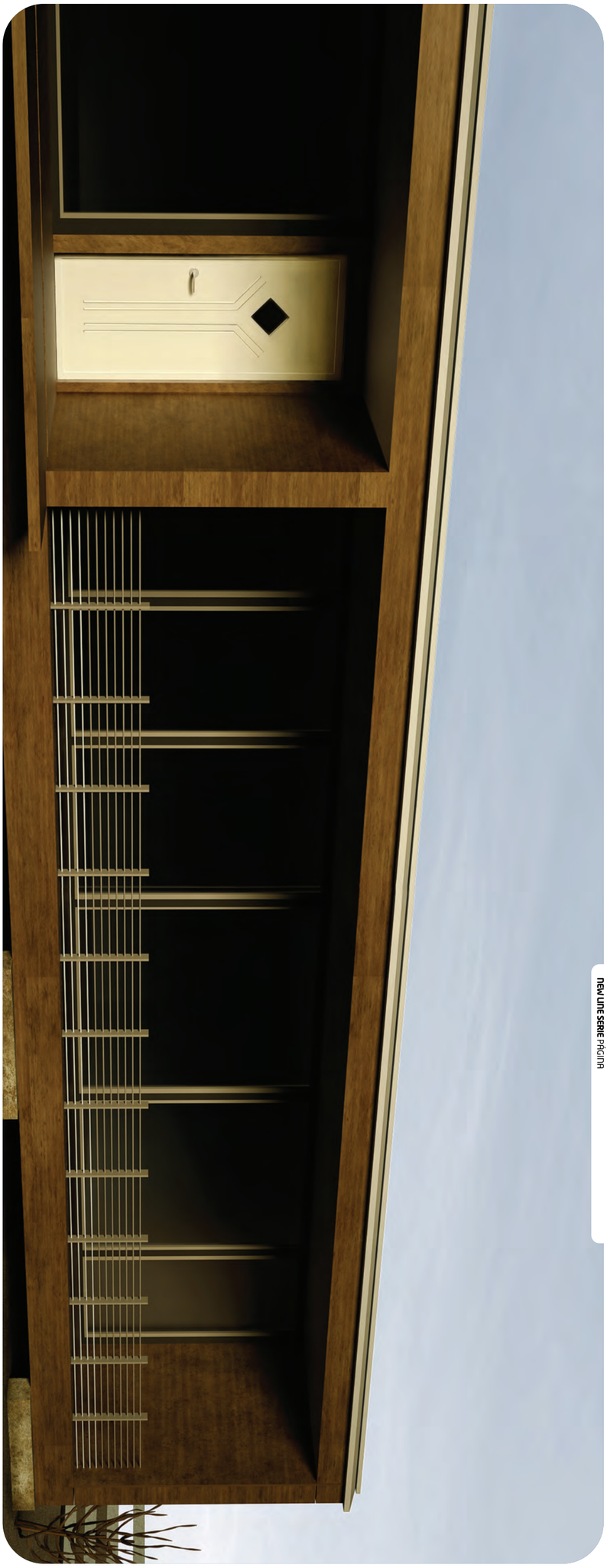
NL15

The aquitecture I chose for me traces my lifestyle.
Straight lines put in a stable balance. A lightning
thought on a logic of total transparency.
An my door is my point of escape.





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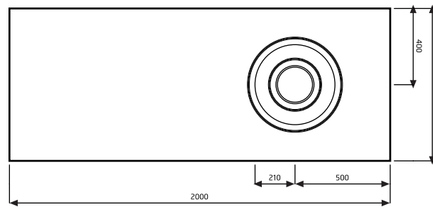
NL16

They inspire me every morning. I enter, I close the door, that coffee that makes me feel good. I browse through a book , I hear the first news of the day. I open the door and I get out. My door is my way.



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technical info

Panels made of powder coated aluminum sheets and injected polyurethane, providing a stratified (sandwich effect) 20mm thick structure.
The polyurethane (90Kg/m3 density) is injected, filling all the panel. It results in a final product with bigger resistency then the obtained through any other process. The final properties of the panels result of a set of material properties and used processes, being the most important described next.

PANEL PROPERTIES:

High thermal insulation
Due to the polyurethane foam, wich has one of the lowest levels of thermal conductivity, when compared with other materials for the same purpose. It's use assures easier maintenance of conditioned environments, reducing energy needs, and consequently, energy costs.

High acoustic insulation
Provided by the polyurethane rigid foam, which has higher acoustic insulation than any other material for the same purpose.

Mechanical resistence
Achieved by the combination of rigid plyurethane properties and aluminum properties.

Lightness
The use of rigid plyurethane foam assures easier handling, transport and installation.

Low permeability for water steam
Due to the use of the polyurethane foam and the process adopted, the water condensation between the aluminum plates is largely reduced, in opposition to what happens with other materials for the same purpose.

Stability in-situ
Obtained from the combination of the aluminum properties and the rigid polyurethane foam properties (can be used in aplications subject to temperatures from -200ºC to +100ºC without dimentional changes).

Great variety of colors
Painting available, on request, within a set of many colors.

Finishing
A wide range of finishes, imitating several types of wood.

Adaptable to aluminum and PVC

Recyclable

High hardness
Obtained from high hardness aluminum plates.