



ARCHITECTURAL

ALUMINIUM & PVC systems





CORTIZO.

ARCHITECTURAL ALUMINIUM
& PVC SYSTEMS

Company.

CORTIZO establishes itself as a European benchmark for the aluminium profile industry.



Raquel Cortizo
General Director

"The vertical integration of the whole process is our business model."

– EXECUTED PROJECTS



**EUROPEAN REFERENCE OF ALUMINIUM AND
PVC SYSTEMS WITH A PRESENCE IN MORE THAN 80 COUNTRIES**

HALLETTS POINT
New York, USA



Daniel Lainz

Architectural Systems General Manager

“What do we tell the clients, the installers, the architects? That we do not like to be in the office. We are at ground level, on site, but we live up to any project.”

Immediacy.

– EXECUTED PROJECTS



MIRO OFFICES
Bucharest, Romania

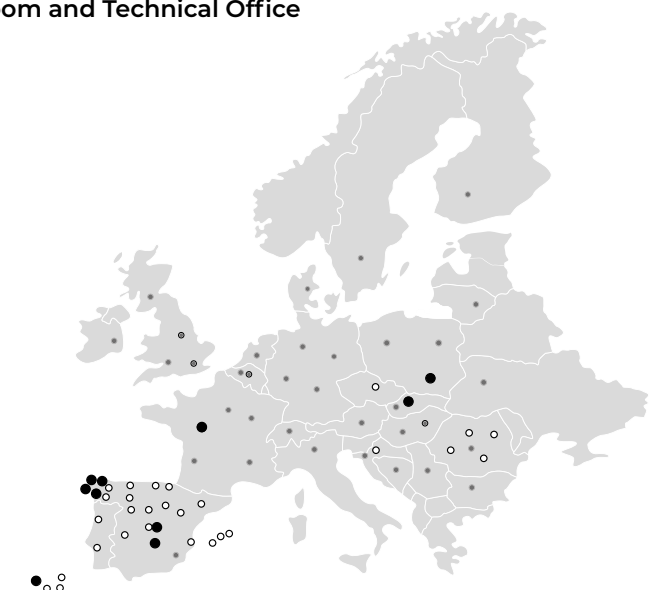
● Production Centre

Cortizo Padrón, Cortizo PVC Padrón, STAC Padrón, Cortizo Coirós, Cortizo Recycling PVC, Cortizo Canary Islands, Cortizo Manzanares, Cortizo Slovakia, Cortizo Poland, Cortizo France

○ Logistics and Distribution Centre

● Sales Office

○ Showroom and Technical Office



– EXECUTED PROJECTS



EUROPA BUILDING
L'Hospitalet de Llobregat, Barcelona

Installation.



Luis Rodríguez
Sales Manager

“Our priorities are decided on site, in the workshop, with our technical and sales teams.”



CORTIZO official installers receive all the technical professional support they need at all times. This guarantees maximum quality in the fabrication and installation of CORTIZO systems.

In addition, a comprehensive training programme of technical seminars is carried out to offer to all members and companies involved the information about the new systems designed by CORTIZO.

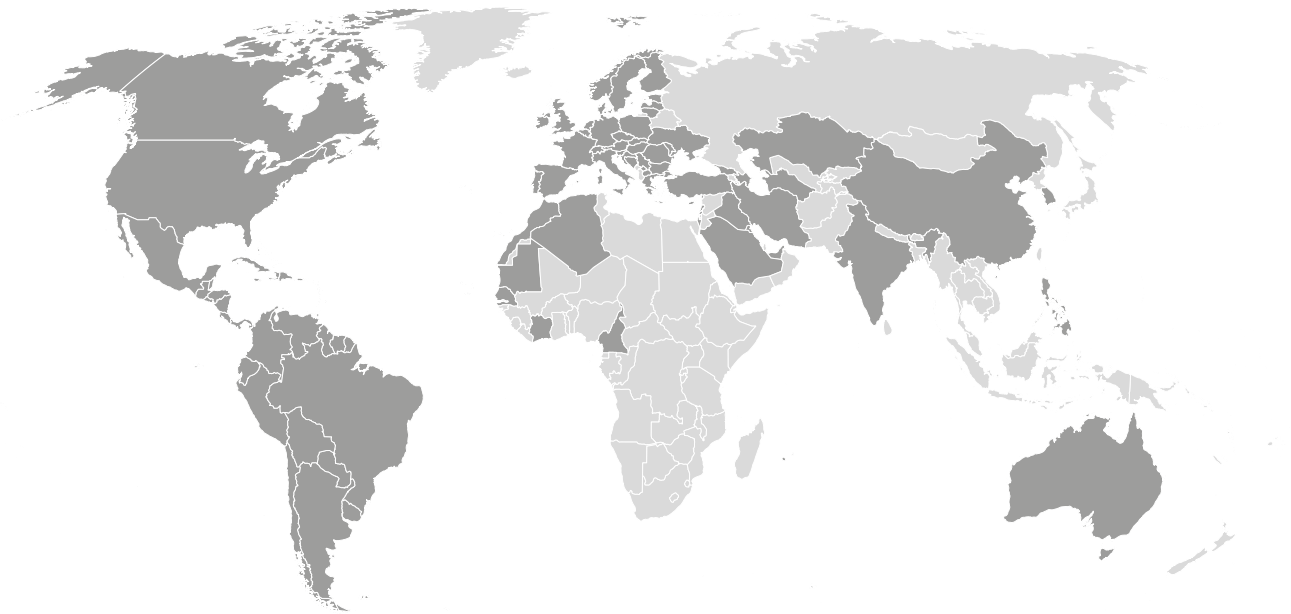
– EXECUTED PROJECTS



PEDRE
Mexico City - Mexico

Strength.

WORLD PRESENCE



74% INTERNATIONAL
26% NATIONAL

INTERNATIONAL SALES

22% France	7% Belgium
15% United Kingdom	7% Portugal
10% Germany	31% Others
8% Poland	

– EXECUTED PROJECTS



FFCC 780 BUILDING
Mexico City, Mexico

Research.

A team of engineers and architects observe the latest architectural trends at the leading trade shows and architecture studios worldwide. Meanwhile, another team of engineers optimises the thermal and acoustic performance of our aluminium and PVC systems, and also the speed of fabrication and assembly.



Design, innovation and quality are main players in the more than 80 exclusive systems of windows, doors, facades, composite panel, balustrades and solar protection designed by our R&D department.

Present in a myriad of buildings, CORTIZO systems adapt to any type of project: family houses, apartment buildings, healthcare, industrial, commercial, offices, administrative, social and cultural, infrastructure, hotels, sport facilities, leisure, education, research...



Diego Piñero
R&D Manager

“We have our eyes set on the market. We industrialise creative freedom.”

– EXECUTED PROJECTS



CORTIZO TECHNOLOGICAL CAMPUS
Spain

Accuracy.



David Macía
Product Certification Manager

“We exceed the regulatory standards to reach the highest quality with the highest accuracy.”

Cortizo Technological Campus is a breeding ground for innovation created with the aim of becoming an international benchmark in the design of aluminium façades for worldwide large-scale architectural projects. There, a multidisciplinary team of 250 engineers, architects and technical architects will carry out their activity, focusing on the design of high-value added envelopes to meet the global demand for sustainable architecture.

AEV

Window
Façades

ACOUSTIC

Direct sound insulation
Flanking transmission

MECHANICAL

Opening cycles
Racking, torsion and impact
Balustrades
Resistance to Burglary (Anti-theft)

THERMAL

Hot box (U_w)
Chamber for simulating extreme climatic conditions





DUO TOWERS
Paris, France

DEPARTMENT OF ENGINEERING FOR BUILDING ENVELOPES



Gonzalo Brea
Facades Department manager

“We develop a product with high engineering value for the most demanding projects”



Bespoke solutions for each project.

Design of details, sections and site installation drawings.

Calculations and dimensioning of profiles, anchorings, accessories, composite panel and glazing.

TSAC NETWORK

TECHNICAL ASSISTANCE AND SPECIFICATION

Collaboration with more than 20,000 architecture studios throughout Europe.

More than 7,000 projects studied in the last year.



Pablo Martínez
TSAC Network Manager

“We offer a complete and personalised technical solution for our systems in the architect’s studio itself”

- EXECUTED PROJECTS



AMIZAR BUILDING
A Coruña, Spain

- Structural calculation using the finite element method**
- Documental proof of norm compliance**
- Tests and certifications from CORTIZO Technological Centre**
- Design, calculation and sizing of bespoke extrusion profiles**
- Preparation of cad details and installation drawings**
- BIM technical assistance**

– EXECUTED PROJECTS



GREEN TOWERS
Santa Cruz de la Sierra, Bolivien

America.

We are committed to the American market in the premium segment, offering systems of proven quality aimed at high standing architectural projects.

– PROJECTS IN EXECUTION



MASSACHUSETTS GENERAL HOSPITAL
Boston, U.S.A.

We offer a wide range of windows, doors, façades, balustrades and solar protection with a wide variety of designs and excellent thermal and acoustic performance that meets the regulatory and construction specifications of each country in America. Furthermore, we test our products against the most extreme conditions.



Cristóbal Rodríguez
Cortizo America General Manager

“We do not want to sell to the entire market of the America; only to the high quality sector.”

– EXECUTED PROJECTS



PUERTO DE SOMPORT 21-23 BUILDING
Madrid, Spain

Capacity.

At CORTIZO we carry out the entire production cycle, controlling in detail each and every of the phases of the production process.

PRODUCTION
CAPACITY **ALUMINIUM**

150,000 t/year

20 extrusion presses

19 powder coating plants

6 anodising plants

4 machining plants

2 foundries

1 sorting plant

PRODUCTION CAPACITY **PVC**

45,000 t/year

2 formulation plants

21 extrusion lines

9 wrapping lines

Test laboratory



Marcos Suárez

Production Manager

“We have to manufacture well and fast.
How? Doing it all by ourselves. That is
the key.”



CORTIZO PADRÓN

A Coruña (Spain)

HEADQUARTERS

PRODUCTION CAPACITY

74,000 t/year

- 9 Extrusion presses**
- 5 Powder coating plants**
- 2 Anodising plants**
- 1 Foundry plant**
- 1 Machining plant**
- 1 Technological Campus**



CORTIZO SLOVAKIA

PRODUCTION CAPACITY

20,000 t/year

3 Extrusion presses

2 Powder coating plants

1 Anodising plant

1 Machining plant



CORTIZO POLAND

PRODUCTION CAPACITY

15,000 t/year

- 2 Extrusion presses**
- 2 Powder coating plants**
- 1 Anodising plant**
- 1 Machining plant**

CORTIZO FRANCE

PRODUCTION CAPACITY
15,000 t/year

- 2 Extrusion presses
- 1 Powder coating plant
- 1 Smart warehouse



CORTIZO MANZANARES

Ciudad Real (Spain)



PRODUCTION
CAPACITY

20,000 t/year

- 3 Extrusion presses
- 3 Powder coating plants
- 1 Anodising plant
- 1 Machining plant
- 1 Smart warehouse

CORTIZO CANARY ISLANDS

Santa Cruz de Tenerife (Spain)



PRODUCTION CAPACITY

6,000 t/year

- 1 Extrusion press
- 2 Powder coating plants
- 1 Anodising plant

CORTIZO COIRÓS

A Coruña (Spain)

SORTING PLANT



CORTIZO PVC

Padrón, A Coruña (Spain)

PRODUCTION
CAPACITY

45,000 t/year

STAC

PARTIALLY HELD BY CORTIZO GROUP

PRODUCTION CAPACITY

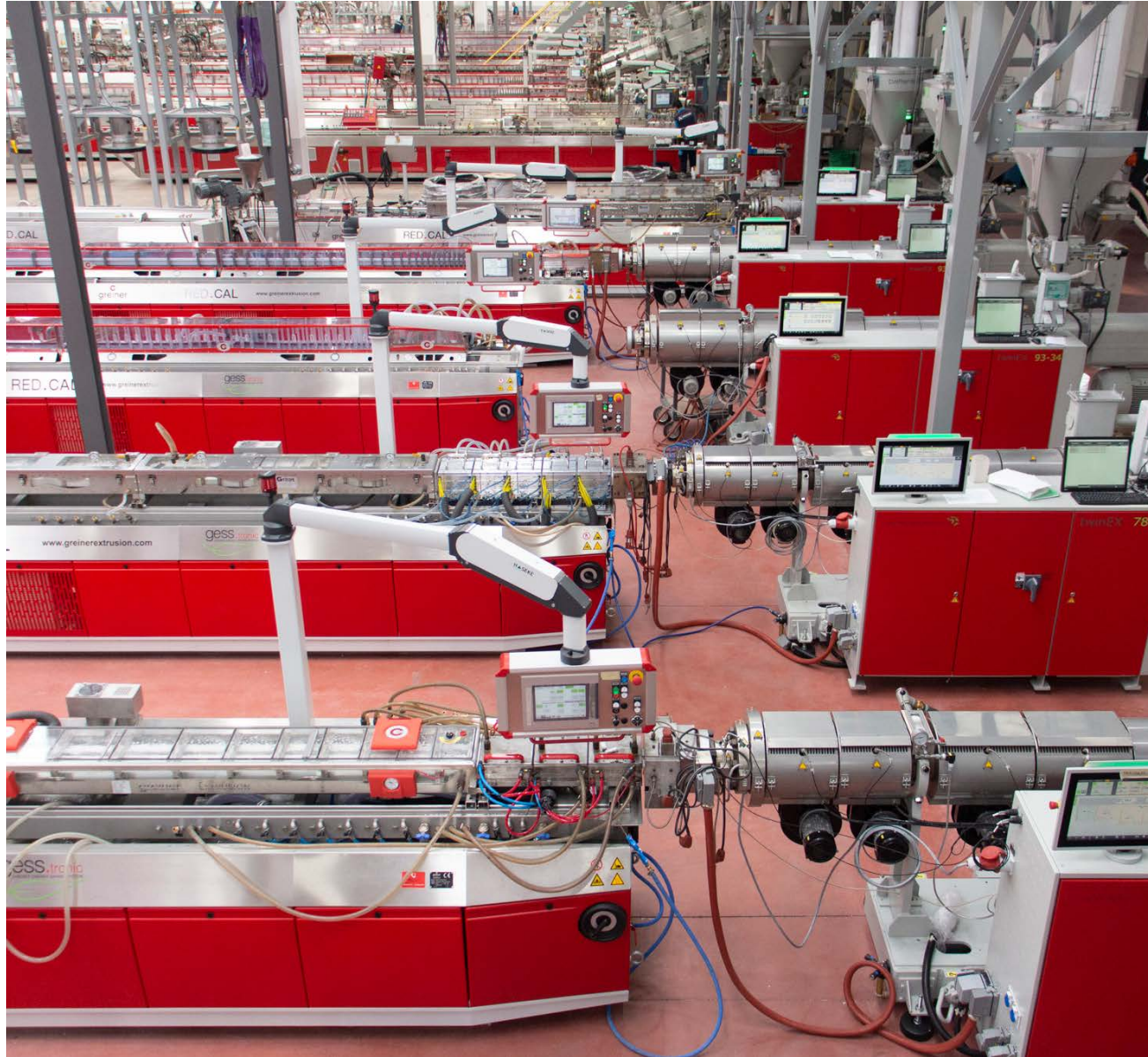
270,000 hardware pieces/day

60 million metres of gaskets/year

50 million metres of polyamide strips/year

HARDWARE, GASKETS, POLYAMIDE
AND COMPOSITE PANEL





CORTIZO PVC

CORTIZO regularly carries out more than twenty tests along all the stages of the production process including formulation, profile form and the final manufactured window. This ensures the best levels of quality and achieving the following standards:



CLASS A: 3 mm thickness in the main profile walls.

CLASS S: Climatic zones. 7 parts titanium dioxide. Maximum resistance to solar incidence.

CLASS II: Resistance to impact. Maximum strength of the profile.

Quality.

The quality of CORTIZO's final product is based on tests completed in international laboratories as well as in our own ones by our technical department.



Luis Murga
Quality Manager

We do not outsource anything. Everything has a seal, a control and a quality: CORTIZO.”

– EXECUTED **PROJECTS**



Kayseri OSB-Tuyap International Exhibition and Congress Center
Kayseri, Turkey

CORTIZO IS QUALITY

Quality is in each and every phase of the production process. From Quality Control Department, daily exhaustive controls are carried out in each phase with the target of reaching the highest standards.

The appropriate selection of raw materials and control of all parameters which affect the extrusion technique supported by the ISO 9001 international standard, guarantees the quality of the extruded material.

The meticulous work completed for surface treatments results in achieving the most demanding European quality certificates such as QUALICOAT, QUALIDECO and SEA SIDE, for the powder coating process, and the EWVA-EURAS certificate for the anodising process. This recognises and guarantees the best level of quality.





Foundry

Unlimited recyclability of aluminium

2 remelting plants: Asturias and Padrón (A Coruña)

Production capacity: 43,000 t

Laboratories. Emission Spectrometers

Billet diameters: 144, 153, 178, 203, 254, 305 mm



Extrusion

150,000 t annual production capacity

20 extrusion presses

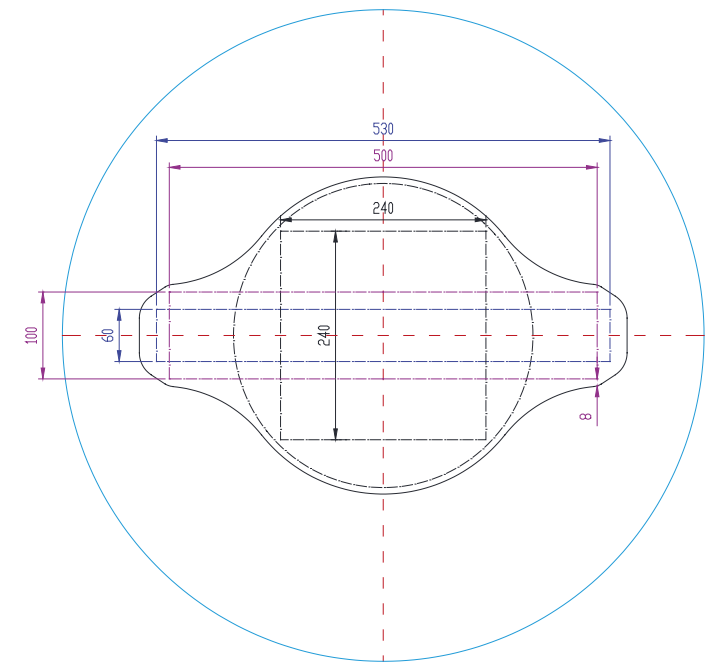
39,000 dies

Quality certificates: ISO 9001, DNV Marine & Bureau Veritas

Extrusion according to European standards EN 755-9 and EN 12020

Heat treatment according to European standards EN 755-2

T4 - T5 - T6 - T64 - T66 - H111 - H112



Maximum width: 530 mm

Maximum weight: 20 kg/m

Minimum weight: 80 gr/m

Maximum length: 24 m

Powder Coating

19 powder coating plants

Finishes:

RAL Chart **Metallic**
NCS Chart **Wood Effect**
Special **Antibacterial**
Textured

Quality certificates:

Qualicoat
Seaside
Qualideco
Qualimarine



Anodising

6 anodising plants

13 colours

More than 110 finishes

Maximum profile length: 8 m

Anodic protection classes:

Class 5 5-9 μ
Class 10 10-14 μ
Class 15 15-19 μ
Class 20 20-24 μ
Class 25 > 25 μ

Mechanical treatments

Light Emery, Hard Emery, Bright, Re-polishing, Sand-blasting

Colours:

Silver	Champagne	Green
Stainless steel	Black	Acier
Ivory	Bordeaux	Grey
Bronze	Copper	
Gold	Blue	

Quality certificates:

Qualanod





CORTIZO ECOEFFICIENT

Aluminium life cycle "cradle to cradle"

CORTIZO RECYCLING is responsible for transporting the aluminium to the foundry in order to close the cycle of a 100% reusable material

More than 2,400 pick-up points of aluminium scrap in Europe

Low energy consumption in recycling (only 5% compared to primary consumption)

Purifying stations officially approved under the most demanding European regulations

– EXECUTED PROJECTS



AIRBUS M06 BUILDING,
Toulouse, France

Commitment.

The most important asset of CORTIZO is its human team. Currently, they are 3,338 people with 36 different nationalities and several professional profiles which provide every day their talent and their personal and distinctive value. These people are the most remarkable factor of innovation, competitiveness and growth of the company. Therefore, CORTIZO's commitment is to establish the foundations to get the best professional and personal development of all its employees.

 **3,338**
Employees



Also, CORTIZO has obtained the OHSAS 18001 certificate, which implies that it fulfills all the existing legal requirements for industrial security, prevention of occupational risks, as well as monitoring processes and health of the staff.



Olga Bernardez

Human Resources Manager

“We must not forget the human factor in the path to excellence. It is our most valuable capital.”

