

DORPA

A tall building under construction is the central focus, completely encased in a dense network of blue metal scaffolding. The building's facade is a grid of windows, many of which are partially obscured by the scaffolding. To the right, a portion of another building with balconies is visible. In the foreground, a large, bright pink structural component, possibly a part of the scaffolding system, is shown in a close-up, angled view. The sky is a clear, light blue. The overall image conveys a sense of industrial scale and modern construction technology.

Façade Scaffolding

Construcción

 **ULMA**

IMPORTANT SAFETY NOTICE:

Any safety provisions as directed by the appropriate governing agencies must be observed when using our products.

The pictures in this brochure are snapshots of situations at different stages of assembly, and therefore are not complete images. For the purpose of safety, they should not be deemed as definitive.

All of the indications regarding safety and operations contained in this brochure, and the data on stress and loads should be respected. ULMA's Technical Department must be consulted any time that field changes alter our equipment installation drawings.

Our equipment is designed to work with accessories and elements made by our company only. Combining such equipment with other systems is not only dangerous but also voids any or all our warranties.

The company reserves the right to introduce any modifications deemed necessary for the technical development of the product.

Façade Scaffolding **DORPA**: Restore, rehabilitate, build... with **SAFETY**.

- Why a **frame scaffolding**?
Because it is a quick erection.
Because it has been designed to work on vertical facing.
- Why a **frame scaffolding DORPA**?

1

Because it is **homologated according to HD 1000 and provided with NF brand**.



2

Because it guarantees **fitter's and user's SAFETY**.

3

Because we offer **the whole comfort required** by the user.

4

Because it is ULMA and **you know us... we like to be close to our customers**.



Façade Scaffolding **DORPA**: Safety with European Standards.

DORPA, modular system for the covering of façades, is considered in the Sector as a high performance, carefully designed and excellently manufactured scaffolding.

It is incorporated, together with the other Systems presented by ULMA, in a process of international competitiveness based on a solution engineering and competitive costs.

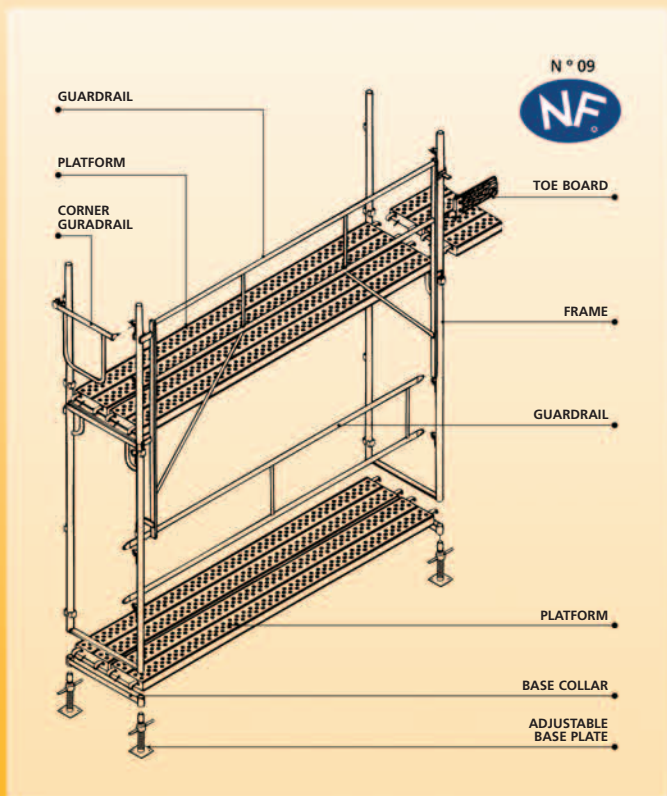
Its capacity to give a response to the needs of façade covering, allows it to deal with total safety the different configurations presenting in rehabilitation, application of coatings, maintenance and general-purpose brickwork.

Manufactured in accordance with the European standard HD-1000, and homologated by AFNOR with the certificate NF, DORPA offers a concept of Integral Service to the market, through innovative solutions arisen thanks to the technological know-how and technical capacity acquired over 30 years of experience within the Sector.

The elements of the System, which are manufactured in hot-dip galvanized steel, are designed in such a way that facilitates and improves the tasks of transportation and storage. DORPA has been designed so as to be modulated with the Polydirectional BRIO, thus obtaining a compatibility enabling significant economies and additional profits for the development of any work.

The System is essentially made up of frames and portal frames which, joined by means of platforms, ledger tubes and diagonal braces, offer, together with the different safety elements, assemblies adjustable to any façade.

Modulation with the Polydirectional BRIO.



By design and application.

By performances.

ULMA, through the planning and design carried out by its Engineering Department, studies, together with the user, each Project of Application, in order to obtain from DORPA the optimum use of the work by reducing times and economizing on labour with regard to erections and knock-downs.

Following this criterion, from simple to the most complex and different solutions are dealt with, such as:

- Restoration of Treasures possessing Artistic Value.
- Rehabilitation of Façades and Houses.
- Rehabilitation of Façades with irregular geometrical patterns.
- Maintenance and brickwork.
- Special solutions.

The System of frames and portal frames making basically up the Scaffolding DORPA simplifies the erection tasks, thus achieving a quicker and safer process.

- Proper positioning of ground level screws and supports.
- Modulation with nonslipping platforms.
- Frame fitting.
- Fitting of platforms with traps and safety elements.
- Fitting of diagonal braces.



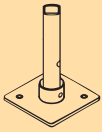
•••••
Façade Scaffolding DORPA:





Façade Scaffolding **DORPA**, (Basic pieces):

Base Plate



Code	Weight
2125216	1,4

Ledger



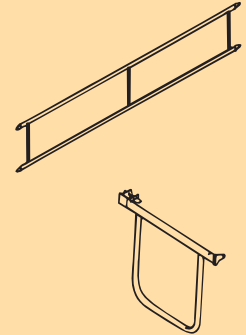
Dimensions	Code	Weight
0,7	2125525	1,2
1,02	2125524	1,8
1,5	2124909	2,3
2	2124910	2,8
2,5	2124911	3,6
3	2124912	5,4

Guardrail post for console



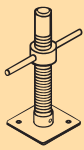
Code	Weight
2125020	3,4

Guardrail



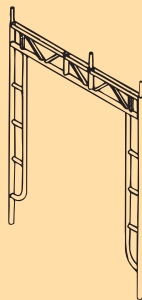
Dimensions	Code	Weight
0,7	2125097	3,6
1,02	2125098	4,5
1,5	2124917	7
2	2124918	9
2,5	2124919	9,9
3	2124920	10,6

Adjustable base plate



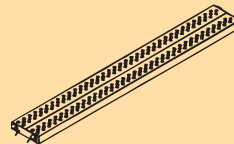
Type	Code	Weight
Screw 0,5 ms.	2124902	4,3
Screw Jack 1ms.	2124907	7,6

Gangway frame



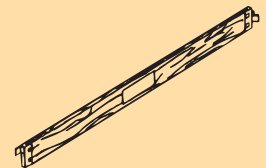
Dimensions	Code	Weight
1,65	2125175	46,4

Steel platform of 320



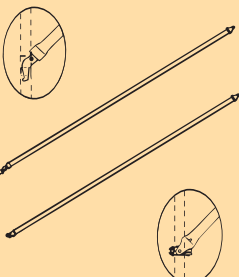
Dimensions	Code	Weight
0,7	2127718	6,6
1,02	2127717	9
1,5	2127716	12,4
2	2127715	17
2,5	2127714	20,2
3	2127713	22,2

Toe board



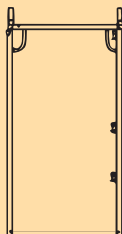
Dimensions	Code	Weight
0,7	2124998	2,6
1,02	2124999	3,5
1,5	2124994	4,2
2	2124995	5,2
2,5	2124996	6
3	2124997	6,8

Diagonal braces



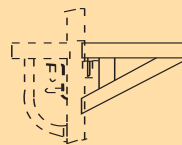
DIAGONAL BRACE WITH COUPLING		
Dimensions	Code	Weight
1,5 x 2	2124983	6,2
2 x 2	2124984	6,8
2,5 x 2	2124985	8
3 x 2	2124996	9
FIXED PINNED DIAGONAL BRACE		
1,5 x 2	2125295	5,5
2 x 2	2125294	6,5
2,5 x 2	2125293	7,4
3 x 2	2125292	9

Open frame



Type	Code	Weight
P - 70 0,5	2125204	9,3
P - 70 1	2125205	12,7
P - 70 1,5	2125206	16
P - 70 2	2124938	19,6
P - 100 0,5	2125207	10,5
P - 100 1	2125208	13,8
P - 100 1,5	2125209	17,2
P - 100 2	2124944	20,5

Console



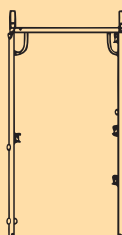
Dimensions	Code	Weight
0,3	2125382	2,8

Aluminium platform with ladder (aluminium/wooden)

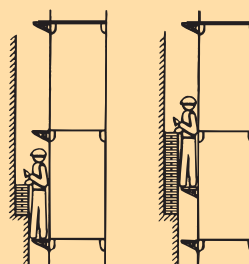


Dimensions	Code	Weight
2	2127868	18,6
2,5	2127867	25,4
3	2127712	31

Frames

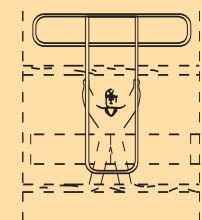


Type	Code	Weight
C-70 2	2124945	21,3
C-100 2	2124946	21,7



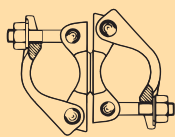
Different possibilities of placing working brackets and working railings of face bricks.

Aluminium erecting frame (3m)



Type	Code	Weight
Frame	2125187	10,4

Swivel clamp



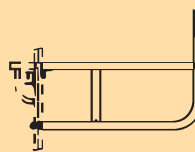
Dimensions	Code	Weight
Ø 48/48	2125147	1,3
Ø 42/48	6630000	1,3

Covering sheet



Dimensions	Code	Weight
2,1 x 1,04	2125322	12,4

Console



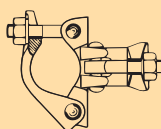
Type	Code	Weight
0,3	2125037	5,6
0,64	2125039	7,3
1	2125363	9,8

Bridging beam



Dimensions	Code	Weight
4	2125060	44
5	2125058	55,8
6	2125044	66

Fixed clamp



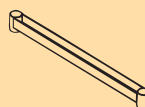
Dimensions	Code	Weight
Ø 48/48	2125148	1,2
Ø 42/48	6630300	1,2

Hook for covering sheet



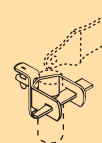
Code	Weight
2125323	0,2

Initial support



Type	Code	Weight
Support P-70	2124922	3
Support P-100	2124923	4,3

Cramp with clamp



Type	Code	Weight
Cramp 40/48	2125356	0,6

Tube Ø 48



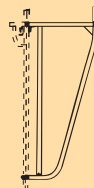
Dimensions	Code	Weight
0,5	2125288	1,8
1	2125289	3,7
1,5	2125290	5,5
2	2125291	7
3,1	2125249	11,4
4,1	2125250	14,6
5	2125251	18

Tie bar



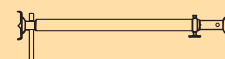
Dimensions	Code	Weight
0,7	2125438	1,7
1,02	2125439	2,2
1,5	2125245	3,6
2	2125246	4,8
2,5	2125247	6
3	2125248	7,4

Cantilever



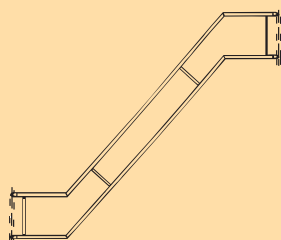
Type	Code	Weight
Expandable	2125368	17,4
Cantil. 0,7	2125337	15
Cantil. 1,02	2125398	18

Window tie



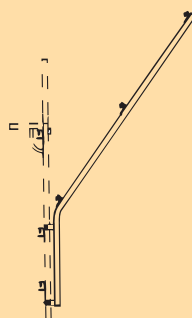
Dimensions	Code	Weight
0,8 - 1,2	2125107	6,1
1,2 - 2	2125108	7,7

DORPA guardrail for stair with platforms



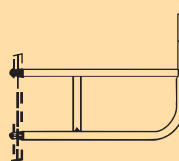
Type	Code	Weight	Units
Guardrail	2125418	17	1

Cover shield



Type	Code	Weight
Support	2125316	12,3

Console with clamp



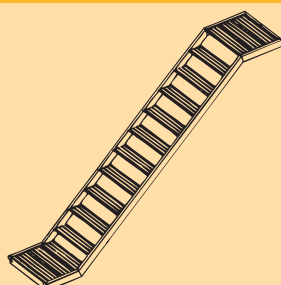
Dimensions	Code	Weight
0,3	2125242	6
0,64	2125243	8,7
1	2125364	10,2

Tie



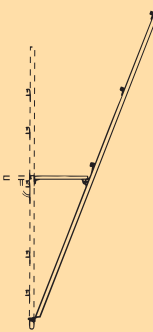
Dimensions	Code	Weight
0,5	2125137	2,2
1	2125138	4,2
1,5	2125139	5,8
2	2125140	7,6

Aluminium stair with platforms (built-in steps)



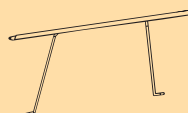
Type	Code	Weight
Ladder	2127711	24,6

Debris collector



Type	Code	Weight
Console	2125244	17,1

Gangway cross brace



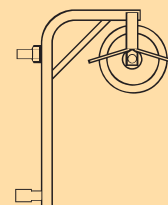
Dimensions	Code	Weight
2	2125324	8,4
2,5	2125325	9,6
3	2125326	10,8

Pin



Type	Code	Weight
Pin	2125159	0,1

Pulley



Type	Code	Weight
Pulley	2125127	13,8

.....

Façade Scaffolding DORPA: Performances.



*Compatible
with BRIO*

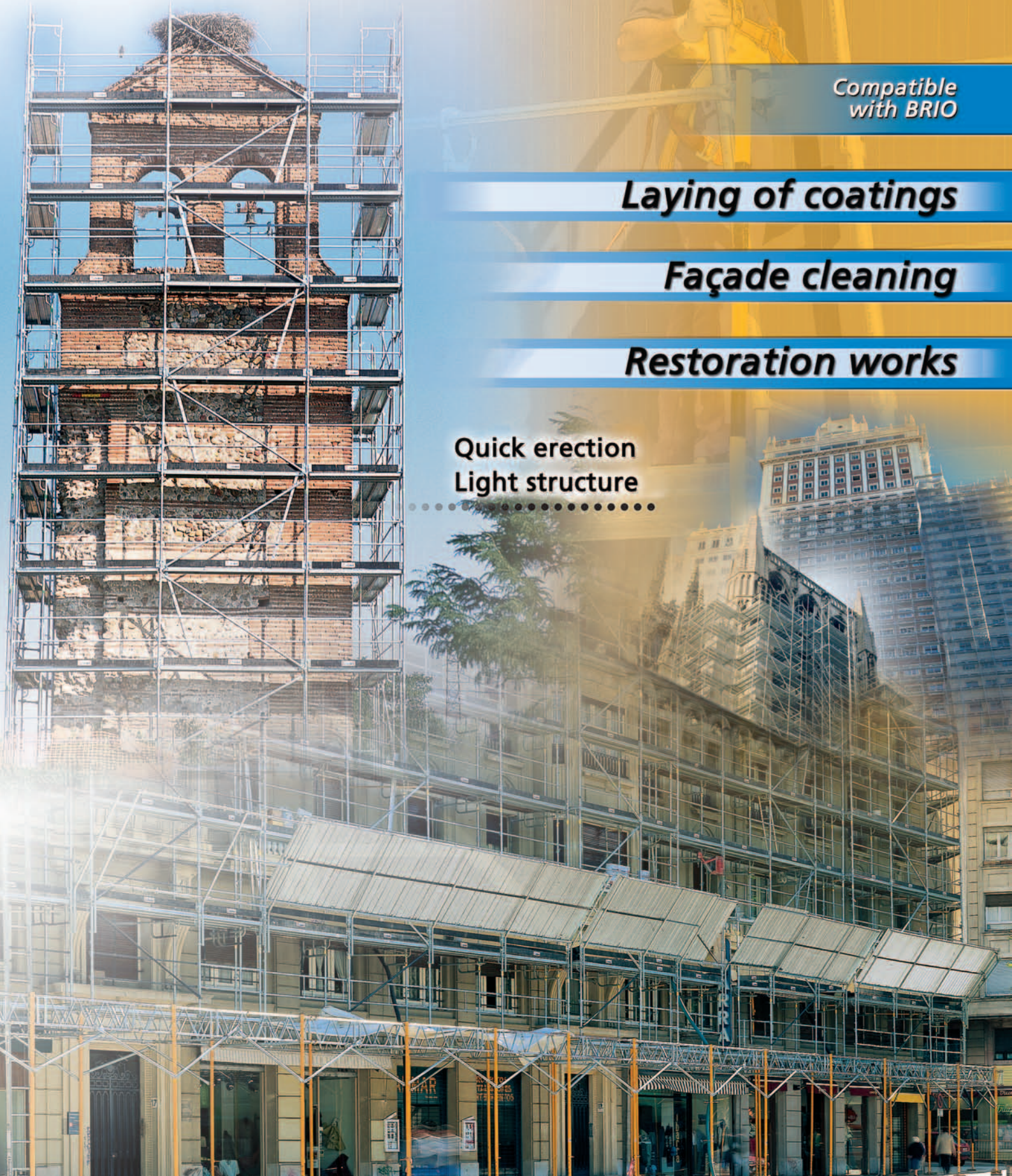
Laying of coatings

Façade cleaning

Restoration works

Quick erection
Light structure

.....



ALICANTE Branch

Capitán Dema, 1
Piso 4º - Oficina 2
03007 ALICANTE
Tel.: 965 106570
Fax: 965 106573

ARAGON Branch

Pol. Ind. San Valero, Nave 103
Ctra. de Castellón, km 4,400
50013 ZARAGOZA
Tel.: 976 500870
Fax: 976 501095

ASTURIAS Branch

Pol. Ind. de Rocas, 5
Gustavo Eiffel, 46
33211 GIJON (Asturias)
Tel.: 98 5168038
Fax: 98 5167513

BALEARES Branch

Pol. Ind. Cals Enagistes
Alexandre Laborde, 28
07011 PALMA DE MALLORCA
Tel.: 971 763745
Fax: 971 205412

BARCELONA Branch

Pol. Ind. Sud - Est
Pintor Velázquez, 7 y 9
08213 POLINYA (Barcelona)
Tel.: 93 7132727 - 93 7132843
Fax: 93 7133643 - 93 7133556

CADIZ Branch

Pol. Ind. San Roque
Naves 14-15
11369 TARAGUILLA - SAN ROQUE
(Cádiz)
Tel.: 956 612096
Fax: 956 611128

**ULMA Betonschalungen
und Gerüste GmbH**

Kronberger Str. 16
D-63110 RODGAU-DUDENHOFEN
(Germany)
Tel.: + 49 6106 28677 0
Fax: + 49 6106 28677 86

**ULMA Andamios y Encofrados
Argentina, S.A.**

Bernardo de Irigoyen 722 6A
CP1072AAP CAPITAL FEDERAL
(Argentina)
Tel./Fax: + 541 14 3425132

**ULMA Andaimos, Formas e
Escoramentos Ltda.**

Rua João Dias Ribeiro, 210
Jd. Sagrado Coração de Jesus
Itapevi - SP (Brazil)
CEP: 06693-810
Tel./Fax: + 55 11 46191300

CASTILLA - LEON Branch

Ctra. Burgos - Portugal, km 116
47270 CIGALES (Valladolid)
Tel.: 983 581009
Fax: 983 581021

DERIO Branch

Iturritxualde, 3
48160 DERIO (Vizcaya)
Tel.: 94 4521425
Fax: 94 4522468

GALICIA Branch

Pol. Ind. Espírito Santo
Rua Bell, 24-26
15650 CAMBRE (La Coruña)
Tel.: 981 649802
Fax: 981 649060

GRANADA Branch

Camino Nuevo, s/n
18210 PELIGROS (Granada)
Tel.: 958 405028
Fax: 958 405328

HUELVA Branch

Pol. Ind. San Jorge, Nave 80
21810 PALOS DE LA FRONTERA
(Huelva)
Tel.: 959 531014
Fax: 959 656030

LAS PALMAS Branch

Urbanización Las Majoreras
Los Llanillos, s/n
35259 INGENIO (Las Palmas)
Tel.: 928 789212
Fax: 928 789538

MADRID Branch

Pol. Ind. Sur
Ctra. M-114, km 4,40
28863 COBEÑA (Madrid)
Tel.: 91 6523199
Fax: 91 6528828

**ULMA - CHILE Andamios y
Moldajes, S.A.**

Vizcaya nº 325 - Pudahuel
(Ruta 68, Camino Noviciado)
SANTIAGO (Chile)
Tel.: + 56 2 6010530
Fax: + 56 2 6010535

ULMA, S.A.R.L.

27, rue Gustave Eiffel
Z.I. de la Marinière
91070 BONDOUFLE (France)
Tel.: + 331 69 11 63 30
Fax: + 331 69 11 63 31

ULMA Steigers b.v.

Sophialaan, 5 - 3542 AR UTRECHT
Postbus 40298 - 3504 AB UTRECHT
(The Netherlands)
Tel.: + 3130 2413020
Fax: + 3130 2413016

MALAGA Branch

Pol. Ind. Villarroza
Carril de las Serrerías s/n
Nave 2 Izda.
29004 MALAGA
Tel.: 952 176389
Fax: 952 231047

MURCIA Branch

Av. del Este, s/n
Cabezo Cortado - Apdo. 114
30100 ESPINARDO (Murcia)
Tel.: 968 830639
Fax: 968 830821

NORTE Branch

Pol. Ind. Goiain
Av. San Blas, 1
01170 LEGUTIANO (Alava)
Tel.: 945 001100
Fax: 945 001111

SEVILLA Branch

Pol. Ind. Fridex
Autovía Sevilla - Málaga, km 4,2
41509 ALCALA DE GUADAIRA
(Sevilla)
Tel.: 95 5630044
Fax: 95 5630020

TENERIFE Branch

Pol. Ind. Valle de Güimar
Manzana XIII - Parcelas 21 y 22
38509 GÜIMAR (Tenerife)
Tel.: 922 505020
Fax: 922 501101

VALENCIA Branch

Pol. Ind. El Oliveral
Calle A, Nave II y III
46190 RIBARROJA DEL TURIA
(Valencia)
Tel.: 96 1665068
Fax: 96 1665149

ULMA Encofrados Perú, S.A.

Av. Argentina 4454
CALLAO - LIMA (Peru)
Tel.: + 51 1 451 8088
Fax: + 51 1 451 5995

ULMA Portugal Lda.

Zona Industrial - Rua A, s/n
Vale de Figueira
2695 SÃO JOÃO DA TALHA
LISBOA (Portugal)
Tel.: + 351 219 947 850
Fax: + 351 219 558 022

ULMA Form Works, INC.

58, Fifth Avenue - Hawthorne
NEW JERSEY 07506 (USA)
Tel.: + 1 973 636 2040
Fax: + 1 973 636 2045

**ULMA C y E, S. Coop.**

Ps. Otadui, 3 - P.O.Box 13
20560 OÑATI (Guipúzcoa) Spain
Tel.: + 34 943 034900
Fax: + 34 943 034920
Web: www.ulmaconstruccion.com