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Model MONOLAYER

Modular self-supporting structure HIPUR "FUNCTIONALITY AND DESIGN"
Functionality, insulation and aesthetics



SINGLE-LAYER MODULAR STRUCTURE

TECHNICAL DATA

LOAD AND DIMENSIONS OF

STANDARD CERTIFICATION		MINIMUM	MAXIMUM
Load	Kg	80	200
Dimensions (1)	mm	H 600 * D 600	H 8340 * D 3540
Height	M	3	40

1. Dimensions: H= Outer Height D= Outer Depth

* Fabrication of Structures for Loads and Dimensions above those indicated in the Table, with Single Structure Project

VERTICAL AND HORIZONTAL PROFILES

PROFILES		VERTICAL (2)	HORIZONTAL (3)
Geometries	mm	10x37	18 36 40 52
		229x37	
		120x85 / 85x120	
Thickness	mm	20x120	2 3 4
		3 4 5 6	

2. Vertical Profiles = Columns

3. Horizontal Profiles = Beams

* Consult with our Sales Dept. for special Geometries and Thicknesses

GEOMETRIES AND LOCATION

STRUCTURE LOCATION	SQUARE	RECTANGULAR	CIRCULAR	IRREGULAR
Exterior / Outdoor (4)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Indoor	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

4. With Assembly by qualified HIPUR personnel only

METAL PROFILE FINISHES	YES	NO
Standard Paint	<input type="checkbox"/>	<input type="checkbox"/>
Special Paint	<input type="checkbox"/>	<input type="checkbox"/>
Special Finishes	<input type="checkbox"/>	<input type="checkbox"/>

OPTIONAL 1	YES	NO
Ground-level Wall (Sandwich Sheet)	<input type="checkbox"/>	<input type="checkbox"/>
Ground-level Wall (Climalit glass) (*)	<input type="checkbox"/>	<input type="checkbox"/>
Assembly Platforms	<input type="checkbox"/>	<input type="checkbox"/>
Hanging Shaft	<input type="checkbox"/>	<input type="checkbox"/>
Guide Rail Fixtures	<input type="checkbox"/>	<input type="checkbox"/>
Door Figures	<input type="checkbox"/>	<input type="checkbox"/>
Machine Bedplate Preparation (SCME)	<input type="checkbox"/>	<input type="checkbox"/>
Ceiling with central part made of Glass	<input type="checkbox"/>	<input type="checkbox"/>
Step Finish	<input type="checkbox"/>	<input type="checkbox"/>
Floor Slab Bracing	<input type="checkbox"/>	<input type="checkbox"/>

(*) Glass available in wide variety of colours, finishes and textures

ENCLOSURES	YES	NO
Sheet	<input type="checkbox"/>	<input type="checkbox"/>
Sandwich Sheet (Thermal and/or Acoustic Insulation)	<input type="checkbox"/>	<input type="checkbox"/>
Punched Sheet	<input type="checkbox"/>	<input type="checkbox"/>
Primacy Sheet	<input type="checkbox"/>	<input type="checkbox"/>
Special Finish Sheet	<input type="checkbox"/>	<input type="checkbox"/>
Stadip 3+3 glass (*)	<input type="checkbox"/>	<input type="checkbox"/>
Stadip 4+4 glass (*)	<input type="checkbox"/>	<input type="checkbox"/>
Stadip 5+5 glass (*)	<input type="checkbox"/>	<input type="checkbox"/>
Stadip 6+6 glass (*)	<input type="checkbox"/>	<input type="checkbox"/>
Stadip Glass Special Colours and Textures	<input type="checkbox"/>	<input type="checkbox"/>
Safety Glass	<input type="checkbox"/>	<input type="checkbox"/>
Climalit Glass (3+3 / 20 / 3+3) (*)	<input type="checkbox"/>	<input type="checkbox"/>
Climalit Glass (4+4 / 16 Argon / 3+3) EneV Standard (*)	<input type="checkbox"/>	<input type="checkbox"/>
Toughened Glass	<input type="checkbox"/>	<input type="checkbox"/>
Toughened Glass + Safety Vinyl	<input type="checkbox"/>	<input type="checkbox"/>
Single-layer Panels (Finishes, colours and textures)	<input type="checkbox"/>	<input type="checkbox"/>
Facing Brick (Finishes, colours and textures)	<input type="checkbox"/>	<input type="checkbox"/>
Excellium (See Page 1)	<input type="checkbox"/>	<input type="checkbox"/>

OPTIONAL 2	STANDARD COLOUR	SPECIAL COLOUR	STAINLESS SATIN / GLOSS	STAINLESS SPECIAL FINISH	GLASS
Straight Handrail	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Curved Handrail	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Lining of Interior Structure	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Lining of Exterior Structure	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Door Surfaces	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Door Finishes	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>



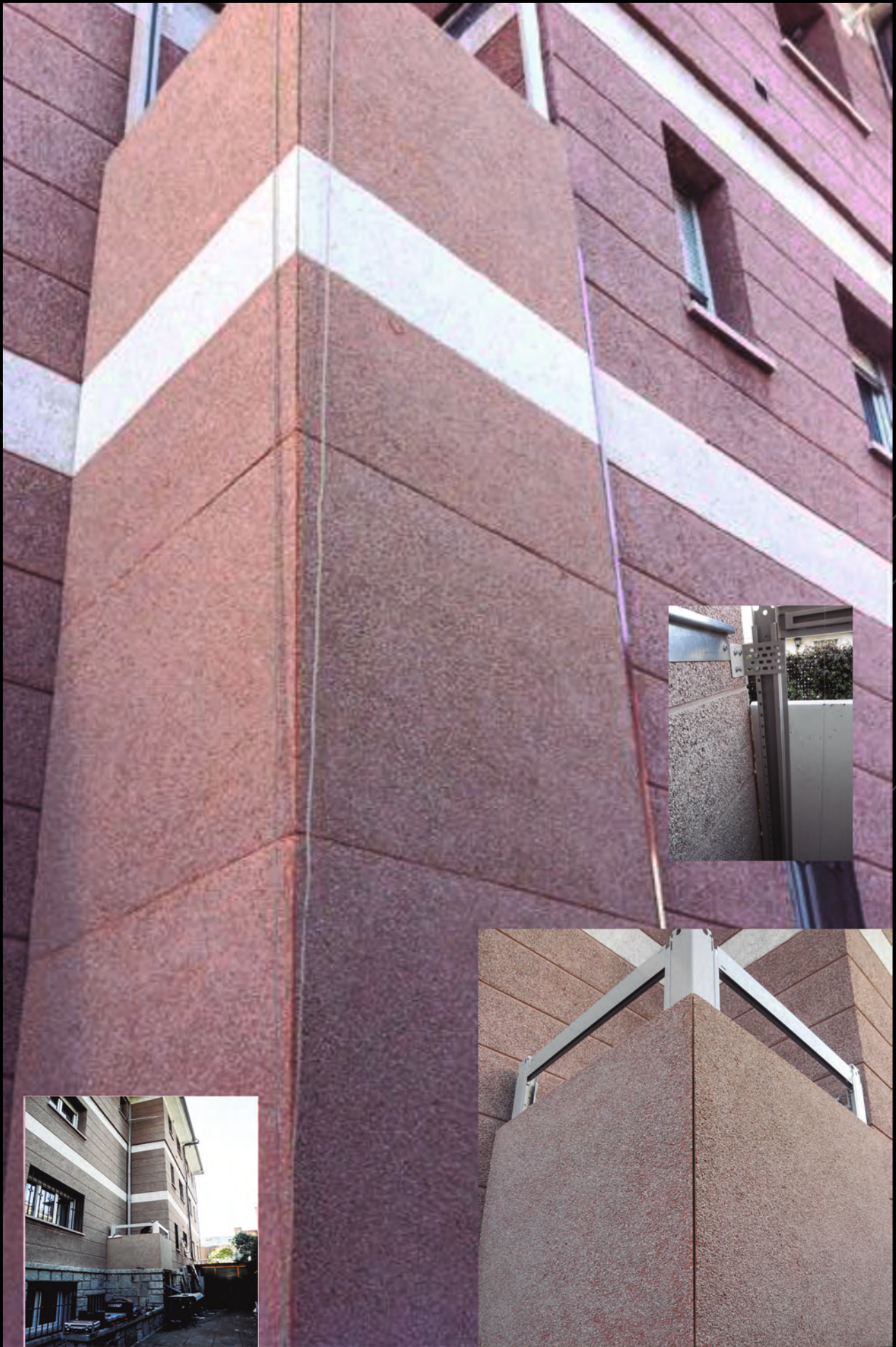
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In compliance with current European Standards, including Regulations UNE-EN 1090-1:2009 + A1:2011 (STEEL STRUCTURES) that are binding from 01/07/2014. Patented, designed and manufactured with vertical metal profiles of 1500 mm height (pillars) made of DX51D galvanized steel or DD12 carbon steel; our wide range of geometries allows us to make specific configurations for each work, thus obtaining the greatest possible space for the subsequent installation of the lift and making easier its assembly. The horizontal metal framing is installed every 1500 mm in height (stringers); this element also has a wide range of geometries (its dimensions vary depending on the design, assembly and use of the lift). The joint between these 2 constructional elements is carried out by means of nuts and bolts and it is fixed to the building structure or stair edge beams by using strength mechanical strutting and nuts and bolts.

Product certified by the College of Architects of Madrid (2/10/2007 COAM. TL/035963/2009) and the College of Engineers of Madrid (COIIM. 200713773) with compressive strength capacity under permanent condition and variable loads exerted by the lift and the Structure itself, as well as panel strength Certification according to UNE-EN-81-1 and 2, section 5.3.1.

Its finish consists of single-layer panels entirely manufactured by the HIPUR Group itself with DX51D galvanized steel fixing combs screwed to the Structure. Their composition of expanded polystyrene + mesh reinforcement + single-layer mortar in a colour to be selected by the Client provides a wide range of possibilities to achieve the full integration of the Structure with the building, thus forming a closed and watertight space for the subsequent assembly of a lift with the specific features defined by the Manufacturer.

End finish of the Structure: Cabin is painted in polyester and indoors or outdoors in RAL colours (183 standard colours), or optional in non-standard colours and finishes to be determined by the Client. The top outer closure is made up of sheet in the same color and shape as the rest of the Structure, with one only slope for water evacuation and specific slots for the space ventilation.



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