



Balson Polyplast Pvt Ltd. Modular Construction

Think Smart | Think Green



Industrial Structure

High-rise Building Steel

Structure

Pre Engineered Building



Our Verticals



Modular Steel Building

- Low-rise Structure
- Commercial Building
- Residential Building

FACTORY LOCATIONS





*This is to Certify That
Quality Management System of*

SURVEY NO. 13/2 P1, PLOT NO. 4, NATIONAL HIGHWAY- 27, OPP. SADAK
PIPALIYA GATE, VILLAGE SADAK PIPALIYA, TAL. GONDAL,
DIST RAJKOT - 360311. GUJARAT INDIA.

MANUFACTURER OF DRIP & SPRINKLER IRRIGATION SYSTEM,
GREEN HOUSE, SHADE NET HOUSE, HDPE/PVC PIPE & FITTINGS.

Certificate No : **23EQNB52**
Initial Registration Date : 29/08/2023 Issuance Date : 29/08/2023
Date of Expiry : 28/08/2026
1st Surve. Due : 29/07/2024 2nd Surve. Due : 29/07/2025

Demak.
DIRECTOR

Magnitude Management Services Pvt. Ltd.



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REGISTRATION - CUM - MEMBERSHIP CERTIFICATE

(Issued under the provisions of Foreign Trade Policy, Government of India)

(Please indicate the provisions or rulings, laws policy, Government or Ministry)				
Name of the exporter	BALSON POLYPLAST PRIVATE LIMITED			
IEC Number	3404003451	PAN	AACB3434K	Date of Birth / Incorporation 13/10/1999
Address of the Registered/Head Office	SURVEY NO 13/1 P1 P2, PLOT NO. 4 NATIONAL HIGHWAY 27, OPP. SADAK PIPALIYA GATE, TA GONDAL, 360311, RAJKOT, GUJARAT			
Nature of Concern	Private Limited			
Description of goods/ services for which registered	HDPE & LDPE PIPES, HDPE SPRINKLER & DRIP IRRIGATION SYSTEM			
Registration Number	FLEPC/B/337/2018-2019			
Issued against File Number	R/C/MC/RENEW/PLEX/CONC/00060301AM25			
Registered as:	Manufacturer/Exporter			
Name of the Proprietor/ Partner(s)/Director(s)/Karta	Munaj Jamanbhai Balda, Balda Jamanbhai Vimalbhai, Kishoribhai V Balda, Vipulbhai Dharmraj Pansuria			

This certificate is issued as per the details of our records and is subject to the conditions laid down in the relevant scheme of registration of this council

Issue Date	24/09/2024	Renew upto	31/03/2025
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Note: Refer DGFT Website (Services - View IEC Related Details - View Any IEC) for IEC Branch and Director details

This document is digitally signed by kuldeep@plexconcil.org (KULDEEP MOHAN SINGH GUSAIN), on 25/09/2024

Building

G+7 Building

450 MT



G+1 PRIVATE RESIDENCE

AREA – 4, 850 Sq. Ft.

External Cladding :
1st Layer 8mm FCB
2nd Layer Lap Sidings





Hospital

Area – 1200 Sq. Ft.

Internal Cladding:

Layer 1 8mm. FCB

Layer 2 12.5mm. Gypsum Boards

False Ceiling : Gypsum Boards

Flooring : 2x2 Vitrified Tiles

Aluminium Windows & Flush Door



G+3 STAFF HOUSING INDIAN EMBASSY

18, 000 SQ.FT

External Cladding :
18mm Ferron Panel

Internal Cladding:
1st Layer 8mm FCB
2nd Layer 12.5mm
Gypsum Boards

False Ceiling : Gypsum
Boards



G+3 STAFF QUARTERS

55, 000 SQ.FT

**External Cladding :
Double Layer 8mm
Fiber Cement Boards**

**Internal Cladding:
1st Layer 8mm FCB
2nd Layer 12.5mm
Gypsum Boards**



**Villa, G+1 with
Swimming pool**

AREA – 2, 850 Sq. Ft.

**Internal Cladding:
Layer 1 8mm. FCB
Layer 2 12.5mm.
Gypsum Boards**

**False Ceiling : Gypsum
Boards**



**Villa, G+1 with
Swimming pool**

AREA – 2, 850 Sq. Ft.

**Internal Cladding:
Layer 1 8mm. FCB
Layer 2 12.5mm.
Gypsum Boards**

**False Ceiling : Gypsum
Boards**



Villa

AREA

2, 750 Sq. Ft.

Internal Cladding:
Layer 1 8mm. FCB
Layer 2 12.5mm.
Gypsum Boards

False Ceiling :
Gypsum Boards



GUEST HOUSE CUM OFFICE PROJECT



VOXEL

VOLUMETRIC PIXEL

The problems we aim to solve go beyond the typical issue of "slow adoption of technology in the construction industry." Instead, they stem from a thoroughly researched solution addressing some of the major challenges crippling the construction industry in the United States. These challenges include a declining trend in skilled labor availability, rising labor wages, increasing raw material costs, and stringent code compliance and regulations.

Our journey began in Hawaii, notorious for experiencing the worst of these challenges, where we developed a solution that is not only intuitive in its assembly but also one of the first permitted modular construction systems on the island, capable of withstanding 150 mph winds and Seismic Category D conditions.

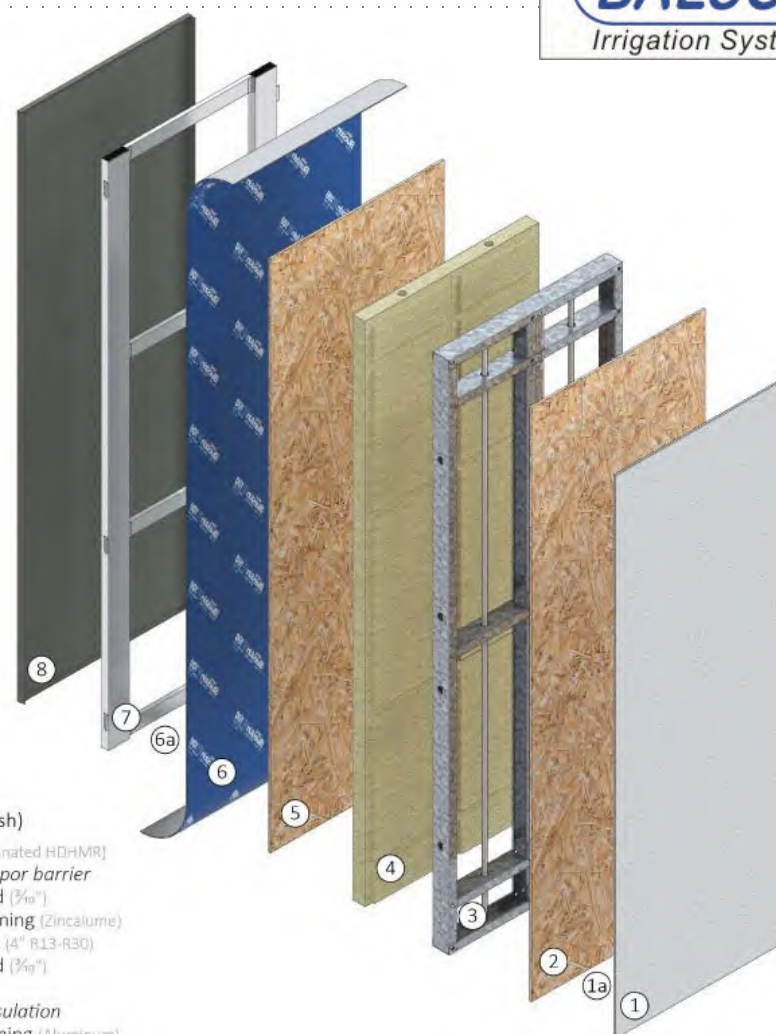
In digital graphics, the smallest indivisible element is a pixel. A volumetric pixel or Voxel is the smallest non-divisible three-dimensional stable structural grid that repeats itself to create multiple layouts.



PANEL

Each Voxel consists of 3 panels by 4 panels, forming a structure based on the Golden Ratio. Each panel is structurally stabilized with a core of 550 MPa LGSF, infilled with R13 stone wool, and sheathed in OSB. With a variety of color and material options for interior and exterior cladding, developments can be customized to meet the aesthetic preferences of different customers.

Electrical sleeves are installed vertically at 1'6" intervals. The sleeves, pre-cut into the steel studs, facilitate lateral electrical connections in accordance with NEC codes.



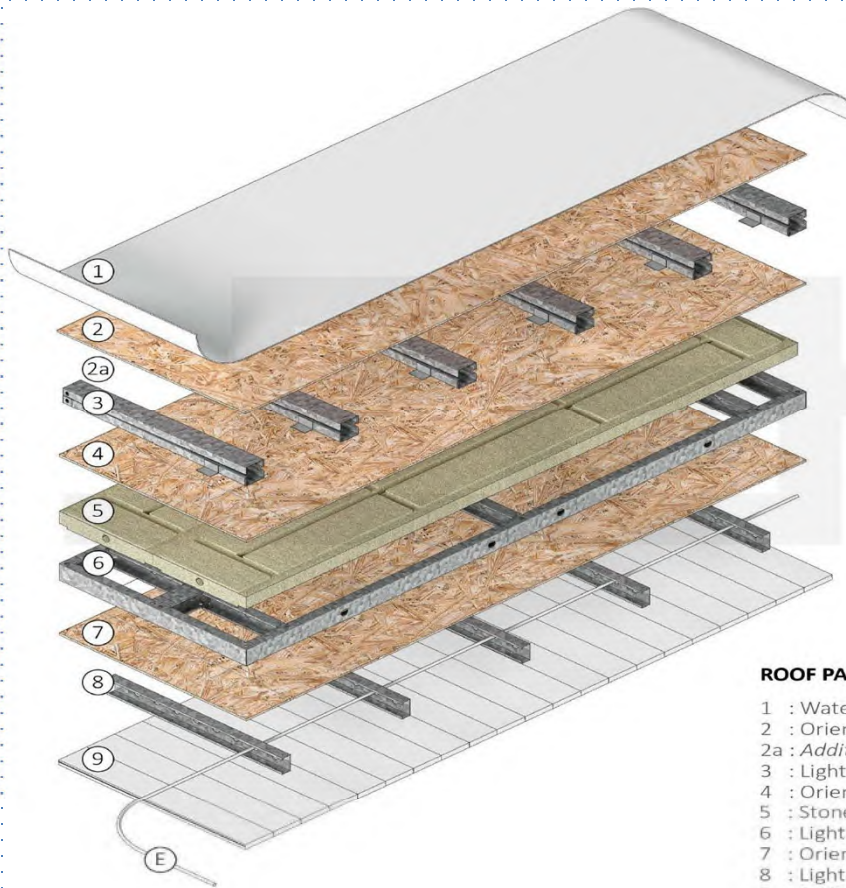
WALL PANEL (Interior Finish)

- 1 : Internal Cladding (Laminated HDHMR)
- 1a : Additional Layer of Vapor barrier
- 2 : Oriented Strand Board (3/4")
- 3 : Light Gauge Steel Framing (Zincalume)
- 4 : Stone Wool Insulation (4" R13-R30)
- 5 : Oriented Strand Board (3/4")
- 6 : Vapor Barrier
- 6a : Additional Layer of Insulation
- 7 : Exterior Cladding Framing (Aluminum)
- 8 : Exterior Cladding (May Vary)

PANEL

The Roof Panel is identical to the Wall Panel. Roof Trusses above the Panels form the slope of the Roof which may be as flat as 1/2" :12" or pitched to 15 degrees as per the design requirements. Waterproofing membrane can range from APP Membranes for the flat roof option to sheet metal for the sloped roof.

False ceiling supports with pre-cut sleeves are mounted to the soffit, which facilitate electrical routing at the ceiling level. This design enables a high degree of flexibility in electrical layouts and connections.



ROOF PANEL (Waterproofing)

- 1 : Waterproofing Layer (TPO / APP)
- 2 : Oriented Strand Board (3/4")
- 2a : *Additional Layer of Insulation*
- 3 : Light Gauge Steel Truss (Zincalume)
- 4 : Oriented Strand Board (3/4")
- 5 : Stone Wool Insulation (4" R13-R30)
- 6 : Light Gauge Steel Framing (Zincalume)
- 7 : Oriented Strand Board (3/4")
- 8 : Light Gauge Steel Soffit (Zincalume)
- 9 : Soffit Finish (May vary per selection)
- E : MEP Conduits

10 VOXEL

3 BEDS | 3 Baths | 1300 Sqft





DIESEL LOCOMOTIVE FACTORY

367 x 125 x 21 m

4200 M.Ton

**Cranes-Max EOT
Crane Cap-50MT.
Crane Span-40M.
Roofing & Cladding
System**



Automotive Factory

2 x 100 m Length &
112 m Wide





We Design, Manufacture , Supply and Provide Services on turnkey basis
also facilitate International Financing.



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