

Poojary Prefab

Dry, Fast & Green Building Construction Technology



Poojary Prefab Pvt. Ltd.

www.poojary.net

info@poojary.net



www.poojary.net

Poojary Prefab Pvt. Ltd.

An ISO 9001:2008 certified company

Company Profile

Poojary Prefab is recognized in the field of constructions for developing building solutions. The company specializes in using dry construction technology that is fast and easily re-locatable. Our strength lies in providing eco- friendly and using green materials in buildings, as per client demands.

Poojary Prefab offers a complete range of building solutions viz, Roofing, Ceiling, Wall, Door and Pre fabricated buildings for Industrial, Commercial and Residential sector. The prefabricated structures are used for site office, godown, labour/staff quarter, testing laboratory, school and hospital for large construction sites.

We offer / Manufacture :

- **Design & Construction of prefabricated buildings like Project office, staff housing, labour houses, mock up flats, stores, guest house, school, hospital etc.**
- **Design & Construction of steel buildings | pre engineered buildings (PEB)**
- **Steel forming, steel fabrication.**
- **Colour Coated steel roof sheets and accessories**
- **Steel furniture : Bunk Bed & Lockers**
- **PUF insulated wall panels**

Advantages of our Prefab Shelters

- Prefab shelters are made in small components, thereby easy for transportation in difficult terrains.
- The structures are light, thereby require minimal foundation. They can be erected on any firm base or on stilts.
- The erection is simple and fast.
- Prefab shelters can be dismantled and re-erected at different places, if required.
- The structures are light and thereby safe in earthquake prone areas.
- Prefab shelters help to provide instant accommodation with better living conditions in projects and other townships.
- Prefab shelters are comfortable, durable and affordable.

Poojary Prefab offers economical and affordable temporary and permanent housing solutions | Work within your budget and timeline to find a solution

Factory & office: Gat no.1424,Wagholi, Lohegaon Road, Pune 411 011 (India) |
Tele fax: +91 2021612 1971 | +91 97 6477 0700. info@poojary.net |

2

Dry, Fast and Green Building Construction Technology



www.poojary.net

Poojary Prefab Pvt. Ltd.

An ISO 9001:2008 certified company

Technical Specifications

| Product | Applications |
|--------------------------|---|
| Prefabricated Buildings | Project office store staff Housing labour camp school & other institutional building Hospital barrack for security personnel. |
| Pre Engineered Buildings | Factory shed warehousing godown malls |
| Steel Doors & Windows | PUF insulated powder coated steel doors with frame powder coated steel windows |
| Steel Furniture | Bunk Bed, Canteen furniture, School furniture. |
| Steel profiles | Colour coated steel Roof & wall sheets, channels. |
| Wall Panels | Walling, partitions |

Infrastructure:

- ✚ 30000 sq.feet Factory at Pune.
- ✚ 107 hp power & generator back up.
- ✚ CNC plasma cutting machine with cutting bed 8 x 40 feet
- ✚ CNC Roll forming line 20 stations for roof sheet profiling
- ✚ Submersible arc welding (SAW) line & Co2 / arc welding Machines
- ✚ Powder Coating unit with 25 x 6 x 6 feet oven
- ✚ Hydraulic press break, shearing machine, Power press machines
- ✚ Drilling , punching machines
- ✚ Polyurethane foam wall panels unit with 5 x 12 feet press
- ✚ Latest design & detailing software
- ✚ Skilled Man power and Engineers

Factory & office: Gat no.1424,Wagholi, Lohegaon Road, Pune 411 011 (India) |
Tele fax: +91 2021612 1971 | +91 97 6477 0700. info@poojary.net |

3

Dry, Fast and Green Building Construction Technology



www.poojary.net

Poojary Prefab Pvt. Ltd.

An ISO 9001:2008 certified company

Technical Specifications

Technical Specifications for Prefabricated Shelters

Roof structure & cover- Pre painted galvanized sheets (PPGI) of 0.5 mm thick trapezoidal sheets laid over a framework of trusses, columns and purling (made out of rectangular hollow sections of size suitable as per design requirements fixed using suitable HSD screws. A pre painted galvanized ridge cover to be fixed on top junction of the roof using suitable fasteners / HSD screws. PPGI end flashings or drain water gutters considered as per drawing.

Wall – Providing & fixing of wall using 50 / 75 mm thick interlocking wall panels made out of two 5mm thick cement fiber boards (Asbestos free) conforming to IS 14276 - 1995 and with fill by aerated concrete and expandable polystyrene granules/ Polyurethane foam (PUF) and interlocking system. The boards shall be fixed on floor and top using 25 X 52 /77c 1mm thick GI Channels.

False Ceiling – Providing & fixing of modular false ceiling using 595x595x12mm cement fiber board / gypsum board. The false ceiling panels should be placed on a suspended grid frame made of pre painted GI steel consisting interlocking main runner, intermediate tee sections and wall L angles to form 600 x 600mm grid suspended using GI wire of required thickness from the roofing structure.

Doors -Frame shall be made of pressed steel using powder coated CR coil 1.25mm thick, shutter will be made out of 32 mm thick wooden / pre painted steel insulated flush door with necessary hardware.

Windows - Frame made from pressed steel using powder coated CR 1.25mm Thick C Channels of size 30x52 or 77mm (as per wall thickness) and MS /aluminum window shutter with glazed panel using 6mm thick float glass & necessary hardware. MS Grills are optional.

Painting - Outside walls are painted with 2 coats of acrylic paint and inside walls are applied with 2 coats of oil bound distemper or any other paint as per choice.

Vinyl sheet flooring: 2 mm thick vinyl sheet fixed on floor complete using S R glue.

Electrical & plumbing optional as per client's requirement

Factory & office: Gat no.1424,Wagholi, Lohegaon Road, Pune 411 011 (India) |
Tele fax: +91 2021612 1971 | +91 97 6477 0700. info@poojary.net |

4

Dry, Fast and Green Building Construction Technology



www.poojary.net

Poojary Prefab Pvt. Ltd.

An ISO 9001:2008 certified company

Technical Specifications

Technical Details of Materials used in Prefabricated Structures



Walling Solutions from Poojary Prefab

In today's robotic era, time and space are being squeezed on every front. PUF / Aerated concrete wall panels offer solutions to these constraints by providing options with a promise of Strength, Speed and Safety. Wall panels are a revolutionary dry wall solution which maintain the solid effect of a conventional brick or block wall and offers: • Speed • Space • Light Weight – (90% lighter than brick / block wall) • Fire Rated > 2 hours.

Technical details of wall panels:-

| | | |
|----------------------------|--|--|
| Standard Sizes | 3000 mm x 600 / 1200mm 2400 mm x 600 / 1200 mm | <p style="text-align: center;">Advantages of Wall Panel</p> <ul style="list-style-type: none"> ▪ Strong & Durable ▪ Excellent water, termite and fire resistant ▪ Fire rating- 50mm panel - 1hour ; 75mm panel - 2hours ▪ Most suitable for seismic and cyclone prone zones. ▪ Excellent thermal and sound insulation properties |
| Thickness | 50 mm & 75 mm | |
| Weight app. | 50 mm (Thick): 42 kg/m ² 75 mm (thick): 58 kg/m ² | |
| Edge profile | Square / Beveled | |
| Fire Resistance properties | Aerated concrete wall panels are non-combustible and qualify for Early Fire Hazard indices as per BS-476, Part 20 & 22 | |

Factory & office: Gat no.1424,Wagholi, Lohegaon Road, Pune 411 011 (India) |
Tele fax: +91 2021612 1971 | +91 97 6477 0700. info@poojary.net |



Poojary Prefab Pvt. Ltd.

An ISO 9001:2008 certified company

Technical Specifications

www.poojary.net

Technical Details of PUF panels (core material)

| | | |
|-----|--|---|
| 1. | Density | 40 ±2Kgs m ³ |
| 2. | Compressive Strength at 10% deformation | 2.1 Kgs/cm ³ |
| 3. | Tensile Strength | 4.0 Kgs/cm ² |
| 4. | Bending Strength | 4.2 Kgs/cm ³ |
| 5. | Adhesion Strength (Foam to cement fiber board) | 3.0 Kgs/cm ² |
| 6. | Dimensional Stability (48 hours) | |
| | -25°C | 0.1% |
| | +38°C & 90% RH | 0.1% |
| | +100°C | 0.4% |
| 7. | Closed Cell Content | 90-95% |
| 8. | Temperature Range | -10°C to +60°C |
| 9. | Temperature Conductivity At 0°C (design value 0.020 k Cal/m-hr/°C or 0.023 w/m k) | 0.018 k Cal/m-hm/°C |
| 10. | Water Absorption | 0.2% volume at 100% RH |
| 11. | Vapour Permeability (At 90% RH & 38°C) | 0.8/0.12 GMS/HR m ² As per IS11239 |
| 12. | Fire property Extent to burn as per BS 4735 | Max. 100 mm |
| 13. | Type | Self extinguishing |

| S mm | K K.cal/M ² -hc | U w/M ² k | R w/M ² k | Temp. Deg |
|---------|-------------------------------|-------------------------|-------------------------|--------------|
| 50 | 0.34 | 0.43 | 2.78 | >5 |
| 100 | 0.18 | 0.21 | 4.16 | >-25 |



Factory & office: Gat no.1424,Wagholi, Lohegaon Road, Pune 411 011 (India) |
 Tele fax: +91 2021612 1971 | +91 97 6477 0700. info@poojary.net |

6

Dry, Fast and Green Building Construction Technology



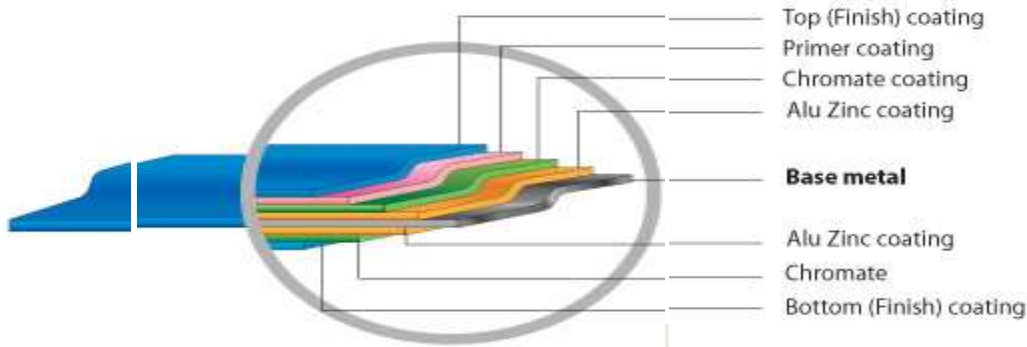
www.poojary.net

Poojary Prefab Pvt. Ltd.

An ISO 9001:2008 certified company

Technical Specifications

Roofing Sheets: Pre painted GI Trapezoidal Roof Sheets



Colour coated steel Roofing Profile

| | | |
|--------------------|---|---|
| ▶ Thickness | : | 0.5 mm Total Coating Thickness (TCT) |
| ▶ Zinc coating | : | Z120 Standard. Z100 and higher Zinc coatings optional |
| ▶ Coil width | : | 1200 mm |
| ▶ Sheet width | : | 1080mm |
| ▶ Effective width | : | 1000mm |
| ▶ Tensile strength | : | 245~345 Mpa Standard. |

Factory & office: Gat no.1424,Wagholi, Lohegaon Road, Pune 411 011 (India) |
 Tele fax: +91 2021612 1971 | +91 97 6477 0700. info@poojary.net |



www.poojary.net

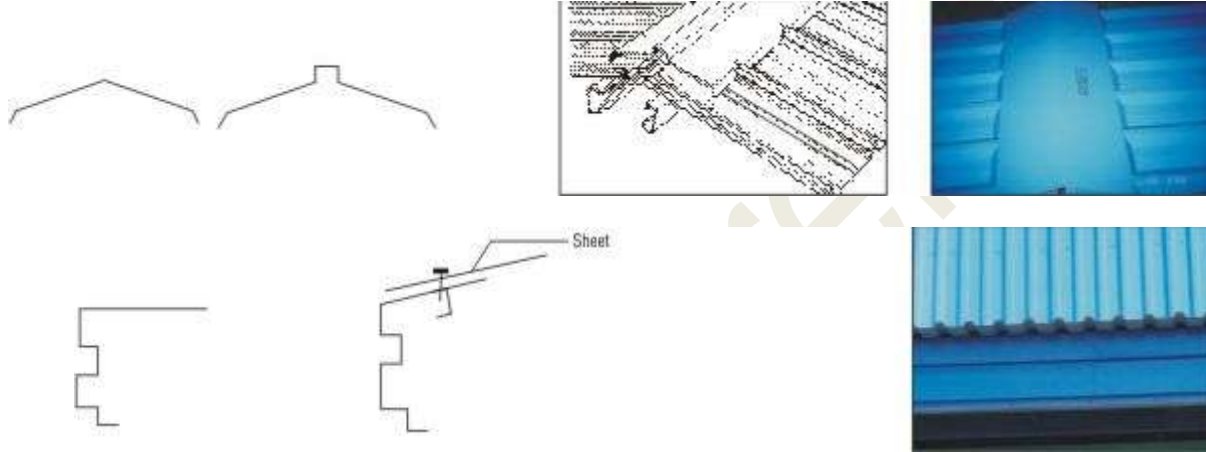
Poojary Prefab Pvt. Ltd.

An ISO 9001:2008 certified company

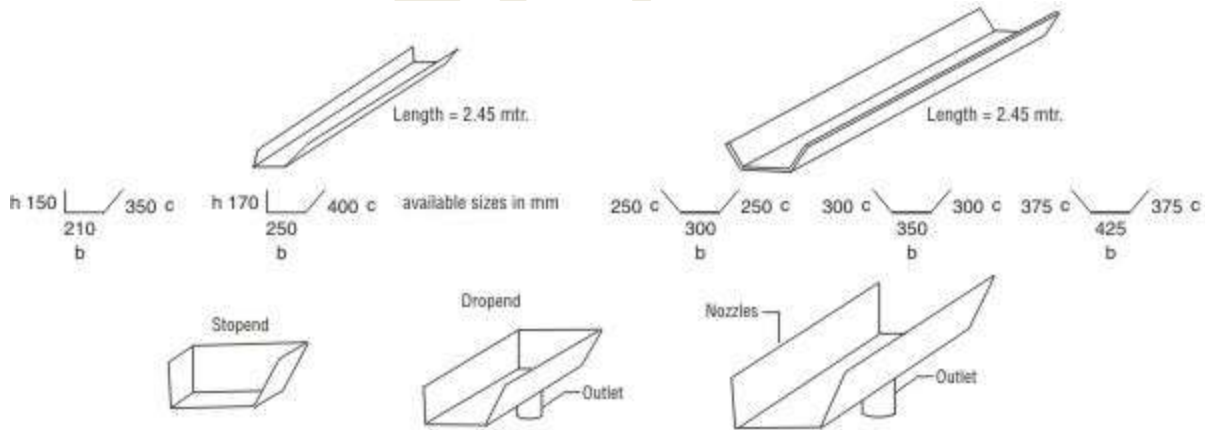
Technical Specifications

Accessories for Metal Roofing Sheets

Ridges



Gutters



Factory & office: Gat no.1424, Wagholi, Lohegaon Road, Pune 411 011 (India) |
 Tele fax: +91 2021612 1971 | +91 97 6477 0700. info@poojary.net |



www.poojary.net

Poojary Prefab Pvt. Ltd.

An ISO 9001:2008 certified company

Technical Specifications

Doors & Windows



Powder Coated GI (steel) Poly urethane foam (PUF) insulated flush door

Factory & office: Gat no.1424,Wagholi, Lohegaon Road, Pune 411 011 (India) |
Tele fax: +91 2021612 1971 | +91 97 6477 0700. info@poojary.net |

9

Dry, Fast and Green Building Construction Technology

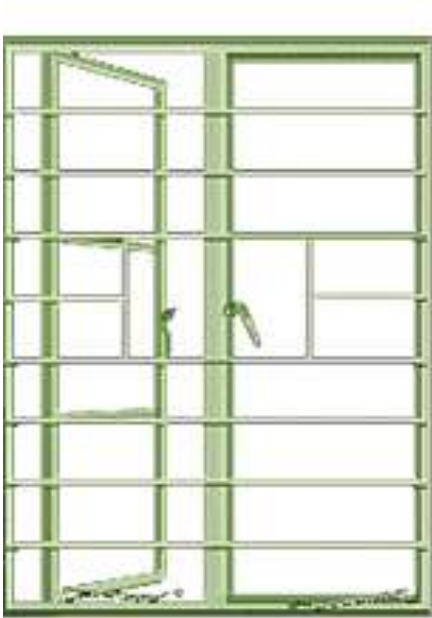


www.poojary.net

Poojary Prefab Pvt. Ltd.

An ISO 9001:2008 certified company

Technical Specifications



Powder coated GI (Steel) windows using z section or profiles with glass and necessary hardware

Factory & office: Gat no.1424, Wagholi, Lohegaon Road, Pune 411 011 (India) |
Tele fax: +91 2021612 1971 | +91 97 6477 0700. info@poojary.net |

10

Dry, Fast and Green Building Construction Technology



www.poojary.net

Poojary Prefab Pvt. Ltd.

An ISO 9001:2008 certified company

Technical Specifications

Site photos: site office, store, staff quarters, labour camp



Factory & office: Gat no.1424,Wagholi, Lohegaon Road, Pune 411 011 (India) |
Tele fax: +91 2021612 1971 | +91 97 6477 0700. info@poojary.net |

11

Dry, Fast and Green Building Construction Technology



www.poojary.net

Poojary Prefab Pvt. Ltd.

An ISO 9001:2008 certified company

Technical Specifications



Site photos of project office , staff quarters

Factory & office: Gat no.1424,Wagholi, Lohegaon Road, Pune 411 011 (India) |
Tele fax: +91 2021612 1971 | +91 97 6477 0700. info@poojary.net |

12

Dry, Fast and Green Building Construction Technology



www.poojary.net

Poojary Prefab Pvt. Ltd.

An ISO 9001:2008 certified company

Technical Specifications

Wall finishes



Wash & Toilet Rooms



Factory & office: Gat no.1424, Wagholi, Lohegaon Road, Pune 411 011 (India) |
Tele fax: +91 2021612 1971 | +91 97 6477 0700. info@poojary.net |

13

Dry, Fast and Green Building Construction Technology



www.poojary.net

Poojary Prefab Pvt. Ltd.

An ISO 9001:2008 certified company

Technical Specifications



Exterior paint / texture finish



Bunk Bed



Toilet block

Factory & office: Gat no.1424,Wagholi, Lohegaon Road, Pune 411 011 (India) |
Tele fax: +91 2021612 1971 | +91 97 6477 0700. info@poojary.net |

14

Dry, Fast and Green Building Construction Technology



www.poojary.net

Poojary Prefab Pvt. Ltd.

An ISO 9001:2008 certified company

Technical Specifications



Pre Engineered Buildings / Steel buildings

Factory & office: Gat no.1424,Wagholi, Lohegaon Road, Pune 411 011 (India) |
Tele fax: +91 2021612 1971 | +91 97 6477 0700. info@poojary.net |

15

Dry, Fast and Green Building Construction Technology



Poojary Prefab Pvt. Ltd.

Clients

www.poojary.net

| Client | Project / Location | Type |
|-------------------------------|---|--|
| Shapoorji Pallonji & Co. Ltd. | Tata Motors Ltd. (Nano), HP-TCS SEZ, ABG Cement Ltd, India Bull Power.... | Site office, labour camp, client office Staff & guest houses |
| Simplex Infrastructure Ltd | Reliance Ind. Ltd. KBR, Vijayawada.... | Labour camp, project office, staff houses |
| Indian OIL tanking Ltd | Bhogat Pipe line, Jamnagar..... | Labour camp, kitchen, toilet block |
| Thermax Ltd | OMPL, Gulbarga Power, JK paper.... | Site office, store |
| Gammon India Ltd | India bull Power.... | Site office |
| Neo Structo Const. co. Ltd. | Mundra Port & SEZ Ltd. Dahej SEZ | Labour camp, PM office. |
| Vijay Tanks & vessels Ltd | Dahej SEZ | Site office |
| The Indure Pvt. Ltd. | Monnet Power, Angul. Kandwa M P | Project Office, store |
| Monnte Power & steel Ltd | Angul | Project Office |
| JMC PROJECTS LTD. | ABG Cement Surat, AIMS Bhopal.... | Project office, staff housing |
| Viraj Projects India P. Ltd. | Jindal Steel & Power Ltd. Orissa.... | Labour camp, site office, store |
| Welspun Proects Ltd. | Anjar Road projects | Store, project office |
| HAPBCO | JSPL, Angul, | Labour camp, Canteen |
| IVRCL Projects & Infra. Ltd. | DLF SEZ , Pune, SR | Project Office, Client office |
| Adani Group | Shantiban, Ahmedabad | Canteen uilding |
| Shimzu Corporation, Japan | Bridgestone India Ltd, Pune, Idimistu Patal | Project office |
| Rohan Builders Pvt.Ltd | OMPL, NIPPRO, NESLE | Sales office, Labour camp |
| Bavesh Patel & Co. | CPWD, Central Gujrath University Gandhinagar | Canteen Building |
| Brahma Bazaz Hotels Ltd. | Khandala, Dist. Pune | Project Office |
| Hindustan Antibiotics Ltd. | Pimpri, Pune | Tubular Structure at Terrace |
| C -DAC | Univercity Campus, Pune | Modular Furniture |
| Apexa Encon Projects Ltd. | INS Shivaji, Lonawala, Pune | Project Office |
| IIMSC College | Hingewadi, Pune | Internal Drywall |
| Abhinav College | Bhor, Pune | Internal Drywall |
| Bharatiya Veedyapeeth | BharatiyaVeedyapeeth: college Of Architeture, Pune | Prefab building- class room |
| Ruchi Pharma Pvt. Ltd. | Kondwa factory | Internal Drywall |
| Nainco Exim Pvt. Ltd. | Ranjangaon, Pune | Internal Drywall |
| TRP Sealant Systems P.Ltd. | Chakan , Pune | Internal Drywall |
| Saffron Builders | Pune | Internal Drywall |
| Amanora Park | Pune | Security office |
| Goel Ganga Developments | Katraj, Karadi, Gorpadi – Pune | |
| Evio Projects Pvt Ltd. | CHT Pvt Ltd. Taloja | PEB Wherehouses |
| Kohinoor-Rama Group | Nano Housing Project, Ravet, Pune | Sample Flat |

Factory & office: Gat no.1424,Wagholi, Lohegaon Road, Pune 411 011 (India) |
Tele fax: +91 2021612 1971 | +91 97 6477 0700. info@poojary.net |

16

Dry, Fast and Green Building Construction Technology