

(LOAD BEARING PANEL STRUCTURE, OUTER COVER POWDER COATED GALVANIZED SHEETS, INTERIOR COVER WITH LAMINATED CHIPBOARD)

LOAD BEARINGS	GENERAL	External Dimensions of Construction are given on plans in Design Specifications. The height from ground level to eaves is 2.40mt. All Load Bearing Panel System has to be installed on the concrete base which has leveled smoothly and properly by cartographer engineers with the given dimensions by Prefi. After putting Panels on the ground to its exact places, panels are going to be joint by galvanized bolt and nuts. After panels are joint, the steel trusses are to be joint. On these trusses steel purlins have to be joint according to the design specifications where Prefi has to be given after the agreement. Then, these galvanized trapezoidal formed roof steel is mounted. After closing the roof from the external conditions, the suspended ceiling profiles are mounted and then, orderly, suspended ceiling is mounted. The Main Building is formed. After that last leveling screed / leveling of 40mm has to be poured.	
	LOADS	SNOW LOADS: 135 kg/m ²	WIND LOADS: 80 km/h
	FIRST FLOOR CHASSIS (for double flooreys)	In order to have the highest resistance, all the chassis' cross profiles are made out of factory build steel C profiles and joint with the main chassis frames. On to the cross C profiles, 0.50 mm.; 27/200 mm Trapezoidal cross-section hot dipped galvanized steel sheets; After that 18mm chipboard is joint to homogeniously scatter the loads on to the each of the NPI profiles at the ground floor.	
	LOAD BEARING PANEL SYSTEM	We offer Load Bearing Panel System Buildings. The main construction is made from formed steel or steel box profiles. On the top/roof the snow load is first given on steel purlins, then steel trusses and panels are to be given. the steel construction system is given the load to the ground. Our buildings are designed according to the wind/snow loads you have given for the offers preparation. Also the design specifications are given on these pages . For giving you the maximum performance on serailly mounting and demounting options, all joinings of the buildings are made out of galvanized steel. All the sealents are made out of galvanize, powder coat painted and specially formed in order to have an aesthetic and for the purpose of isolation.	
CLOSING DETAILS AND ITS INSULATIONS	CLOSINGS	Between the joining of two panels, there are omega profiles, Glasswool of 50-100mm 14density is put in in order to insulate from climate conditions.	
	PAINTINGS	All closing elements of steel between any panels are Powder Coat Painted.	
ROOF SYSTEM	ROOF COVERING	0.50 mm. 27/200 mm Trapezoidal cross-section hot dipped galvanized steel sheets(TS 822) will be fixed on to the steel purlins by flanges with aluminium rubber headed drilling bits.	
	ROOF INSULATION	100mm ROCKWOOL OF DENSITY 40 KG/M3 (TS-901, DIN-18165,ASTME E 84, λ:0.0034 kCal/mh C°) The durable performance max. is 700 ° C. EC1121-CPD-BA0097-07, A1 CLASS Inflammable.	
	INSL. QUAFICIENT	0,317 KCAL/m2hC	
	HUM.BARRIER	Humudity Barrier is not added on our offer	
	SUSPENDED CEILING	Suspended ceiling with white coated aluminium T-Profiles. 9,5mm 60*60cm White Coated Gypsum Boards	
	ANTI CORROSION	Epoxy Filler Paint is applied Twice on trusses and purlins(these can be changed to galvanized also)	
SEALANT	Galvanized Steel where painted with powder coating		
RAIN GUTTERS	Not included on our offer		
EX WALLS	EXTERIOR COVERING	Specially 13mm trapezoidal formed galvanized steel of 0,75mm with powder coating of 100-200microns. PVC protecting cover is used in order not be damaged before main building found.	
	INSULATION	120mm ROCKWOOL OF DENSITY 40 KG/M3 (TS-901, DIN-18165,ASTME E 84, λ:0.0034 kCal/mh C°) The durable performance max. is 700 ° C. EC1121-CPD-BA0097-07, A1 CLASS Inflammable.	
	INSL. QUAFICIENT	0,274 KCAL/m2hC	
	INTERIOR COVERING	Dry Areas : 8mm Chipboard double side laminated white-white (TSE-1770,DIN:53799). Wet Areas : 8mm Cement Bonded particular Boards (TS-EN-634-2,FIRE RESISTANCE:DIN4102-1,ClassA2)	
	PANEL FRAME	40x120x1.5mm (or 2.0/2.5mm) steel box profiles and/or specially formed U/C Profiles	
	ANTI CORROSION	Epoxy Filler Paint is applied Twice on frame	
HUM.BARRIER	Humudity Barrier is not added on our offer		
INT WALLS	COVERING	DRY AREAS :8mm CHIPBOARD BOTH SIDES WHITE-WHITE LAMINATED (TSE-1770,DIN:53799). WET AREAS :8mm CEMENT BONDED PARTICLE BOARD(TS-EN-634-2,FIRE RESISTANCE:DIN4102-1,ClassA2)	
	INSULATION	40mm ROCKWOOL OF DENSITY 40 KG/M3 (TS-901, DIN-18165,ASTME E 84, λ:0.0034 kCal/mh C°) The durable performance max. is 700 ° C. EC1121-CPD-BA0097-07, A1 CLASS Inflammable.	
	INSL. QUAFICIENT	0,669 KCAL/m2hC	
	PANEL FRAME	40x40x1.5 mm BOX PROFILE AND/OR SPECIALLY FORMED U PROFILES	
	ANTI CORROSION	Epoxy Filler Paint is applied Twice on frame	
HUM.BARRIER	Humudity Barrier is not included on our offer		
DOORS	EXT DOORS	DOOR LEAFS	Both surfaces of the door is powder coated steel of 1.2mm and between the frames 50mm of Glasswool or Rockwool is used.
		DOOR FRAMES	1,20mm RAL 9002 powder coated galv. Steel sheet specially formed frame
		COLOR	RAL 9002, POWDER COATED
		LOCKS	68mm cylindrical barrel lock (ITO or equivl.)
	DIMS	893mm x 2011mm	
	INT DOORS	DOOR	Special American Door Panel.
		DOOR FRAMES	1,20mm RAL 9002 powder coated galv. Steel sheet specially formed frame
		COLOR	RAL 9002, POWDER COATED
		LOCKS	Office doors are 68mm cyc.barrel lock for security purposes
	DIMS	Rooms: 840mm x 2000mm, WC Doors:740mm x 1990mm	
HANDLES	Electrostatic Powder Coated Steel handles for designed for heavy conditions		

WINDOWS	WINDOW (P1)	Deceunick Hard PVC Windows whose interior frames are galvanized steel are used.		
	DIMS	80 / 110 cm, Opening to upside		
	GLASS	Double Glazing 4+10,5+4mm, Pvc handles on		
	FLY SCREEN	Not included to our offer		
	WINDOW (P2)	Deceunick Hard PVC Windows whose interior frames are galvanized steel are used.		
	DIMS	80 / 110 cm, Opening to upside		
	GLASS	Double Glazing 4+10,5+4mm, Pvc handles on		
	FLY SCREEN	Not included to our offer		
POWDER COAT	All Steel Exterior and Interior main item surfaces are POWDER COATINGS RAL 9002 (All inner closing elements and also suspended ceiling elements etc.)			
	EPOXY PAINT			
	All Elements of Structural Steel Frames are twice painted with epoxy filler			
COATING PAINT			All Invisible Steel Sections are twice painted.	
ELECTRICAL INSTALLATION	DISTRIBUTION PANEL	Fuses are Siemens brand, exc., V automat and Graund Fault with TSE		
	LIGHTENING FIXTURES	Exterior doors and wet areas: Weatherproof globe armatures		
		Office Areas	4*18W, 60*60cm, Parabolic Type Armatures	
		Other Areas	Globe Armatures	
	CABLING	Elec.Outlets	3x2,5mm/2 NYM Cable	
		Elec.Outlets Q All quantities can be seen below on drawings		
		Lamp Lines	2,5mm/2*1,5mm NYM Cable	
	EARTH BREAKING	The aproximate EB will be attached in to the Distribution Panel		
	GRAUNDING	Ø:16*1000mm copper and its set is used		
	PHONE SYSTEMS	Office Areas	All quantities can be seen below on drawings	
		Other Areas	Not included	
	DATA SOCKETS	Office Areas	Not included	
		Other Areas	Not included	
	TV SOCKETS	Not included		
UPS S/Lines	Not included			
EXHAUST FANS	Not included			
FIRE ALARM SYSTEMS	Not included			
GAS ALARM SYSTEMS	Not included			
LIGHTENING PROTECTIO	Not included			
SANITARY AND PLUMB.MATERIALS	GENERAL	Surface Mounted for easy repairing or demounting in the future Cold and Hot Water Pipes installation to all lavatories, showers and sinks, kitchen cabinet Floor Drains is packaged		
	CLEAN WATER PIPES	PPRC (Pilsa, Dizayn or equivalent)		
	WASTE WATER PIPES	PVC (Pilsa, Dizayn or equivalent)		
	EQUPM./MATERIALS	Mirror, toilet paper rail, soap dish etc. Hard Plastic items are added		
	VITRIFIED MATERIALS	Vitra, Toprak or equivalent		
	SHOWER TRAYS	Not added.		
	TAPS	YAK or equivalent is added; Also flex joining will be attached to the PPRC with rakors		
	WATER HEATERS	Not included		
	LIMITS OF INSTALL.	Exterior wall of building		
	KITCHEN FURNITURES	Not included		
HVAC	HEATING	STANDARTS	According to the climatic conditions its to be solved if in need	
		RADIATORS	Not included	
		R.QUANTITIES	-	
	COOLING	STANDARTS	According to the climatic conditions its to be solved if in need	
		BTU Capt.	Not included	
		AC QUANTITIES	-	
	DIMS	-		
FLOOR COVERINGS	MAIN GROUNDING	Self-Leverage and Ground Cement basement Works are not included. Plans to be given		
	LEVELING/SCREED	40mm of Screed / Last Leveling is not included. 40mm is in need, Details to be given		
	DRY AREAL WORKS			
	PVC FLOORING	Not included		
	FLOOR CERAMICS	TYPE	Not included	DIMS:
	FLOOR-WALL JOINTS	Not included		
	WALL CERAMICS	TYPE	Not included	
		WC/Lavatories	Not included	DIMS:
		LATRINES	Not included	DIMS:
		KITCHENS	Not included	DIMS:
	WET AREAL WORKS			
	PVC FLOORING	2mm Hard PVC Coating is not included		
	FLOOR CERAMICS	TYPE	Not included	DIMS:
FLOOR-WALL JOINTS	Not included			
WALL CERAMICS	TYPE	Not included	DIMS:	

* Having tenth of years of experiences from the planning-desinging, producing and mounting periods, we are glad to serve you with our best practice and services.

** All Prefab Elements have the flexibilty to multiple demountation possibilty as we are using galv. steel nuts and bolts

*** All materails have TSE Guarantee.

Tel: +90 312 815 49 75 (pbx)		Fax: +90 312 815 49 78		www.Prefi.com.tr		email : prefi@prefi.com.tr	
DOKUMAN NO		YAYIN TARİHI:		REVIZYON TARİHI			
Ş.Mİ.BB.EN / B		01.08.2001		07.03.2007			