



HISTORY OF TERA BUILDING:

Tera Building is general trading dedicated for the prefabricated building sector, It works in the field of integrated prefabricated building in engineering and scientific ways, Tera building was established as one of the greatest companies in Kurdistan and Iraq for prefabricated building in February 2009 at Raparin zone, Sulaimaniya, Regional of Kurdistan/Iraq.

Fortunately, it is now leading the whole of Kurdistan and Iraq in the field of Prefabricated steel buildings and Cabinets for all project camps like residential, factory, oil, private sector, and government, with the utmost care and sincerity.

مقدمة عن تيرابيلدين :

تيرا بيلدين هي شركة مخصصة لقطاع البناء الجاهز و كرفانات ، وتعمل في مجال بناء جاهز متكامل بطرق هندسية وعلمية، تم إنشاء تيرا بيلدين كواحدة من أكبر الشركات في كردستان والعراق للمباني الجاهزة مبنى في شباط 2009 في منطقة رابرين ، السليمانية ، اقليم كوردستان / العراق لحسن الحظ ، فهي تقود و يغطي الآن كردستان والعراق بأكملها في مجال مباني جاهز فولاذية و كرفانات مسبقة الصنع لجميع معسكرات المشروع مثل السكنية والمصانع والنفط والقطاع الخاص والحكومة ، بمنتهى العناية والاخلاص





GENERAL FEATURES:

- 1- Demountable.
- 2- Rapid assembly/disassembly.
- 3-Complete construction buildings with precision and speed
- 4- Easy packaging which minimizes transportation and inventory costs.
- 5- Flexibility in material options.
- 6- Economic building.
- 7-Prefabricated houses are light and flexible and therefore resistant to earthquakes than other concrete houses.

Tera building offers functional, economical and durable solutions to meet all its customers' requirements.

مميزات عامة: ۱- قابل للفك

، حبن عبد ٢- تجميع / التفكيك السريع

٤- سُهولة التعبئة والتغليف مما يقلل تكاليف النقل والمخزون

٥- المرونة في خيارات المواد ----

٦-بنابة اقتصادية

· · ... ٧-تتميز المباني الجاهزة بأنها خفيفة الوزن ومرنة وبالتالي فهي مقاومة للزلازل مقارنة بالمباني الخرسانية الأخرى

يقدم تيرابيلدين حلولاً عملية واقتصادية ودائمة لتلبية جميع متطلبات عملائه

ADOPTED POLICY IN BRIEF POINT:

- 1- The accuracy in design by our expert engineer.
- 2- We have value to the customer's requirement and we put his note's in the project
- 3- We expect all factors that affect the project.
- 4- Power and speed in execution by the professional and knowledgeable staff worker.
- 5- Design and choose the material best quality at the same time economically.
- 6- As a result, we create projects that the customer feels are our only goal.

سياسة شركة:

- ١- الدقة في التصميم من قبل مهندسنا الخبير
- ٢- لدينا قيمة لمتطلبات الزبون ونضع ملاحظاته في المشروع
 - ۳- نتوقع و نعتبر كل العوامل التي <mark>تؤثر على المشروع</mark>
- ٤- القوة والسرعة في التنفيذ من قبل العامل المحترف والمطلّع
- ٥- تصميم واختيار الْمواد بأفضل جودة وفي نفس الوقت اقتصادياً
- ٦- في النتيجة ، نقوم بإنشاء مشاريع ويشعر الزبون أنه هو هدفنا الوحيده



OUR PRODUCTS

- 1-TERA-PANEL
- 2-TERA-LIGHT STEEL STRUCTURE
- 3-TERA-CABIN
- 4-TERA-FLAT PACKET
- 5-TERA-CITY
- 6-TERA-PARK FURNITURE, GYM, AND PLAYGROUND

منتجاتنا:

۱- تیرا-بنل

۲- تيرًا-هيكل فولاذية خفيفة

٣- تيرا-كابينة متنقلة

٤- تيرا-حزمة مسطحة

ُ-٥- تيراً-سيتي

٦- تيرًا-بارك, أثاثت حدائقة وأدوات لياقة رياضية و ساحة اللعب





TERA-PANEL:

GENERAL FEATURES:

- -Use the sandwich panels for the wall and use a panel or corrugated plate for the roof
- -Structure is mainly composed of load-bearing columns and trusses
- -Possibility to design buildings with a 7m truss span without the need to use columns in the middle
- -Electric cabling can be hidden in the wall panels
- Must be erected on the level concrete ground
- Can be Demountable the building and transportation and installed on other sites

تيرا-بنل: :الملامح العامة

--استخدم الألواح العازلة للحائط واستخدم لوح أو لوح مموج للسقف

-يتكون الْهيكلُّ بشكلٌ أساسي من أعمدة ودعامات حاملة

-إمكانية تصميم مباني بطول 7 أمتار دون الحاجة إلى استخدام أعمدة في المنتصف

-يُمكن إخفاء الكابلات الكهربائية في لوحات الحائط

-يجب أن يقام على أرضية خرسانية مستوية

-يمكن فك المبنى والنقل وتركيبه في مواقع أخرى





TERA-PANEL:

تيرا-بنل :





TERA-PANEL:

تيرا-بنل :























مواصفات فنية تيرا-بنل : : TECHNICAL SPESIFICATION TERA-PANEL

	Description	:	Demountable prefabricated steel buildings	
System	Packaging	•	All panels, doors, windows, columns, trusses, purlins, roof covering materials, suspended ceilings electrical equipment and sanitary equipment are packed separately.	
	Loading	:	All packed materials are loaded with cranes or forklifts to trucks/freight containers for transportation.	
	Transportation	:	All materials are delivered with packages as demounted	
Column	Production		Consist of 10x10 cm, 10x15 cm, 5x10cm and 6x6cm steel pipe hollow section Turkish brand 1.5-2mm thickness with use a bottom column plates 6-10mm thickness 15x15cm and 20x20cm, according to the design.	
	Painting	:	Two layer painting.	
	Production	:	Used $5x10$ and $4x8$ cm steel pipe hollow section. Turkish brand $1.5\text{-}2mm$ thickness according to the design , sizes are assembled with weld to each other to form trusses,	
Truss	Painting	: ` `	Two layer painting.	
	Triangle cover	:	Cover both side of truss elevation with cement board.	
	Note/ In some cases use a flat roof without a truss (upon request).			
Purlin	Production	:	According to project requirements, purlins are formed with steel pipe hollow section 3x6cm and 4x8cm 1.5mm thickness Turkish brand and use 4x4 cm 1.5 mm thickness to truss bracing, according to the design.	
	Painting	:	Two layer painting.	
1	System	:	1.00mt width and 100mm or 50mm thickness sandwich panels for inner	
	·		and outer walls Iraqi brand according to the project's request.	
	Panel Height	:	Panel height: 3.00 mt - Interior clear height: 2.80 mt	
Wall	Insulation	:	50mm polyurethane	
	Panel Surfaces	:	Both inner and outer surfaces of panels are covered are covered with 0.3 mm thickness with RAL 9002 polyester dyed galvanized sheet metals.	
	Fire Class Thermal Conduct	: livity :	B2- B3 (DIN 4102) 0.020 - 0.022 W/mK	
	Note/ can be ce	overed th	ne interior wall with Knauf, plastic and etc. Also can be covered outdoor wall with cement board, astropol fuga, wood and porcelain screen (upon request).	



مواصفات فنية تيرا-بنل : : TECHNICAL SPESIFICATION TERA-PANEL

Floor	Foundation :	The client is responsible for the preparation of the concrete foundation for the steel building(s) (no include concrete foundation) .
	Floors :	Normal tile 60x60cm (any porcelain size, screed concrete
		with covered by laminate) upon request.
	Roof Covering :	Sandwich panels 50-90mm thickness Corrugated shape Iraqi brand.
	Insulation :	50-90 mm thickness polyurethane.
	Panel Surfaces :	Both inner and outer surfaces of panels are covered with RAL 9002 polyester dyed galvanized sheet metals.
Roof	Fire Class :	B2- B3 (DIN 4102)
	Thermal Conductivity: Suspended ceiling:	0.020 – 0.022 W/mK Normal gypsum board 60x60cm sized (Normal Knauf to other ceil, metal board sized 30x30cm for wet area) upon request. Consist of cold-formed steel profiles 1.5 mm with plastic pipe 3 inch.
Door		80)cm for a outdoor and (800/230)cm for bath room, (any size upon request).
Window	It's a best PVC windows(100	0/100)&(50/50)cm to toilets windows with glazed 6mm, (any size upon request).
	Description :	projects.
	Wash Basins :	Normal ceramic sink
Sanitary &	Water Closets :	<i>'</i>
Clean water	Pipes :	- Clean Water Pipes : PPR pipes - Waste Water Pipes : PVC pipes
	Exhaust Fans :	Electrically operated exhaust.
1 1	Light :	LED overhead ceiling light 18W round recessed
	Receptacles :	Grounded receptacles
	Switches :	Grounded switches – normal socket 13 Ap , AC switch 45Ap – best brand
	Cables :	cables are buried under the sandwich panel wall, usually use Jorden or Turkey cable .
Electrical system		 Lights: 2 x 1.5mm² heat resistant antigron cable Receptacles: 2x 1.5 mm² heat resistant antigron cable Switches: 2 x 2.5 mm² heat resistant antigron cable AC and boiler Units: 3x 2.5 mm² heat resistant antigron cable
	Distribution :	Use normal plastic board consist of 3 men 63 or 100 Ap. for(switches, lighting and AC units).
		the other model lighting such as Linear light, magnet light, track and spotting light etc. (upon request). nera system, fire alarm, telephone, network system, and Wi-Fi (upon request).





TERA-STEEL

GENERAL FEATURES:

- -This type of prefabricated building is more refined and quality it's prepared with a special machine in the factory according to the design, then packaging and transportation to the work site, then the installation stage.
- -The possibility of designing multi-story buildings, and using them to build houses, offices, residential camps or oil fields, and others.
- -The main structure is consist of galvanized light steel profiles with truss, purline, and uses a corrugated plate for the roof, of varying thickness.
- -The surfaces of the galvanized panels must be covered inside and out with cement board after that can be covered again with cementboard for the outside and Knauf for the inside if required quality work.
- -Mechanical and electrical equipment can be concealed in panels of wall carcasses.
- -The design's freedom in production and the elimination of the inter-panel connections.
- -The building can be taken down, packed, moved, and re-installed at other locations.
- -Prefabricated buildings require a flat and straight mat concrete foundation

- -يتم تجهيزها بآلة ٍ خاصة بالمصنع حسب التصميم ثم تعبئتها ونقلِها لموقع إلعمل ثم مرحلة التركيب. -إمكانية تصميم أبنية متعددة الطوابق ، واستخدامها لبناء منازل أو مكاتب أو معسكرات سكنية أو حقول نفطية

 - . يتكون الهيكل بشكل أساسي من ألواح هيكل الشاحنة المجلفنة والفولاذ المجلفن -أسطح الواح الحوائط المصنوعة من البروفيلات الفولاذية المجلفنة مطلية بالمصنع بلوح أسمنتي واستخدام ألواح سقف حديدية مضلعة
 - -يمكّن إخفاء المعدات الميكانيكية والكهربائية في ألواح الجثث الجدارية -حرية التصميم في الإنتاج وإلغاء التوصيلات بين اللوحات
 - -يمكن فك المبنى, التعبئة, النقل, و التركيب مرة أخرى في مواقع أخرى
 - -يجبُ أن يقام على أرضية خرسانية مسطحة





TERA-STEEL:

تيرا-ستيل :





TERA-STEEL:

تيرا-ستيل :





مواصفات فنية تيرا-ستيل : : : TECHNICAL SPESIFICATION TERA-STEEL

	Description :	Demountable prefabricated steel buildings.
	Packaging :	All Wall structure, doors, windows, trusses, purlins, roofing materials, suspended
System	Londing	ceilings, and sanitary equipment are packed separately. All packed materials are loaded with cranes or forklifts to trucks/freight
	Loading :	containers for transportation.
	Transportation :	All materials are delivered with packages as demounted.
		·
Structure		The building constructions all of wall, Truss, Purlin, and roof are Galvanized light steel
	Shoclore manufact	ured from high standard galvanized roll metal sheet with All necessary.
	Production :	The surfaces of the wall panels, made of galvanized steel profile Galvanized 0,9-
		2mm thickC / U sectioned cold formed profile manufactured in the roll forming
	In state well a secretar	line, Use the Rockwool insulation plate in the wall construction insulates.
Wall	Inside wall covering	g: Use the Gypsum board (Knauf)12.5 mm thickness on the wall construction, with painting Jotun two layer.
waii	Outside wall coveri	
		with painting Jotun two layer.
	Foundation :	Provide the material and manpower to execute the concrete mat foundation
FI		18cm thickness with a single layer of BRC 6mm @20cm, under the supervision of the engineer. Or the client is responsible for the preparation of the
Floor		concrete foundation
	Floors :	Tile flooring sized 60x60cm or covered with a laminate.
*		THE HOUSING SECONDOCT OF COVERED WITH A FAITHFUILD.
	Foundation :	The roof construction, which is a galvanized steel profile, is covered with a
		rich panel fire resistance. Use the Mattress glass wool insulation material above
Roof	suspended ceiling of Gutter :	as roof insulates. Use the Gypsum board (Knauf) 12.5 mm as the suspended ceiling.
	Guiler .	Consist of cold-formed steel profiles 1.5 mm with plastic pipe 3 inch.
Door	It's a best PVC or Aluminum	door (1000/220)cm and (800/230)cm for bath room, (any size upon request).
Window	It's a best PVC or Aluminum	windows(100/100)&(50/50)cm to toilets windows with glazed 6mm, (any size upon
	request).	
	Description :	Sanitary installation and equipment will be assembled according to the
	Description .	provided projects.
1 1	Wash Basins :	Normal ceramic sink
Sanitary &	Water Closets :	Normal Western and Eastern type water closets c/w flushers
Clean water	Pipes :	- Clean Water Pipes : PPR pipes
Clean water		- Waste Water Pipes : PVC pipes
	Exhaust Fans :	Electrically operated exhaust.
	1	
	Light :	LED overhead ceiling light 18W round recessed
	Sockets :	Grounded switches – normal socket 13 Ap , AC switch 45Ap – best brand
Electrical		Grounded switches – normal socket 13 Ap , AC switch 45Ap – best brand cables are buried under the sandwich panel wall, usually use Jorden or Turkey
	Sockets :	Grounded switches – normal socket 13 Ap , AC switch 45Ap – best brand cables are buried under the sandwich panel wall, usually use Jorden or Turkey cable .
Electrical system	Sockets :	Grounded switches – normal socket 13 Ap , AC switch 45Ap – best brand cables are buried under the sandwich panel wall, usually use Jorden or Turkey cable . - Lights: 2 x 1.5mm² heat resistant antigron cable
	Sockets :	Crounded switches – normal socket 13 Ap , AC switch 45Ap – best brand cables are buried under the sandwich panel wall, usually use Jorden or Turkey cable . - Lights: 2 x 1.5mm² heat resistant antigron cable - Sockets: 2 x 2.5 mm² heat resistant antigron cable
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TERA-CABIN:

GENERAL FEATURES:

- -It's a modular structure mainly a closed iron box structure, Preparing end to end in the factory.
- -Possibility of connecting multi-unit Cabin in the site to make a wide space.
- -The standard modular dimension is 3*4 to 3*12m, and the clear height is 240 cm.
- -Use the sandwich panels for the wall and roof, with different thicknesses and densities.
- -Electric cabling is the appearance on the wall panels.
- -Installed on the flat concrete foundation, flat compacted ground, and precast concrete base pad.
- -Easy transportation from the factory to the site or any location you need.

تيرا- كابين : خصائص عامة:

- هي هيكل معياري بشكل أساسي هيكل صندوق حديد مغلق, التجهيز متكاملة في المصنع
 - إمكَّانية ربط الوحدات كابينة متعددة في الموقع لتوفير مساحة واسعة في حالة الخاصة
 - -الأبعاد المعيارية القياسية هي ٣ * ٣ إلى ٣ * ١٦ م ، والأرتفاع الواضح ٢٤٠ سم
 - -استخدام سأندويج بنل للحائط والسقف بمختلف السماكات والكثافات
 - -الكابلات الكهربائية هي الظاهر على الحائط
- -وضع على أُساس خرساني مسطح ، أرضية مضغوطة مسطحة ، أو على قاعدة خرسانية مسبقة الصب
 - -سهولة النقل من المصنع إلى الموقع أو أي مكان تحتاجه





TERA-CABIN:

تيرا-كابين:





TERA-CABIN:

تيرا-كابين :





مواصفات فنية تيرا-كابين : : TECHNICAL SPESIFICATION TERA-CABIN

	It consists of a modular closed box structure, easy connecting multi-unit Cabin in the site to make a
System	wide area, easy transportation, and a more economical manner, the standard modular dimension is
	3*4 to 3*12m, height cabin is 2.8m and the inner clear height is 2.4m, or any size required.
Column	It's a four-column in each corner cabin, consisting of(10x10)cm steel hollow section SHS Turkey brand
	1.8 mm thickness, with it and painting two-layer.
	The cabin is surrounded by a single or double frame according to the structural requirement., it's
Bottom	consists of the (10x10)cm steel hollow section SHS 1.8mm thickness single line for small cabin and
chassis	double for large span, painting two-layer and the base reinforced with the partitions of rectangular
	steel (4x8)cm and (4x6)cm hollow section RHS 1.8mm thickness at @40cm-80cm according to the
	construction design, with painting two-layer.
Тор	The cabin surrounded by the frame, it's consists of the
chassis	pressing-formed sheet metal 2mm thickness for small cabin and 3mm thickness for the large cabin,
	with painting two-layer.
	Consist wall of a sandwich panel 100cm in width, 240cm in height, and 5cm or 10cm in thickness of
Wall	polyurethane sandwich panel Iraqi brand with insulation, according to the provided project.
	both inner and outer surfaces of panels are covered with 0.3 mm thickness
	of RAL 9002 polyester dyed galvanized sheet metal.
	The floor is consist of 18mm plywood and is topped up with a heavy-duty waterproof plastic flooring
Floor	sheet, and will be used as the Cement board and is topped up with a Vinyl sheet or checker plate 2mm
1 1	in wet areas.
Roof	Its sandwich panel is 100cm in width, 5cm, and 8cm in thickness corrugated of polyurethane sandwich
	panel Iraqi brand with 5cm insulation, with should be sloped to the side.
Door	It's a Turkey PVC door (100/235)cm for a outdoor and (800/210)cm for bath room,or any size required.
Window	It's a Turkey PVC windows (100/100)&(50/50)cm to toilets windows with glazed 6mm,or any size
	required.
Sanitary &	Sanitary and clean water installation and equipment will be assembled according to the provided
Clean water	projects. by using the Turkey brand.
Electrical	Consists of Tera-System with all necessary/normal socket 13 Ap,AC switch 45Ap,tube LED wall light for
system	rooms or LED overhead ceiling light 12W,18W round fixtures and used Jordan or Turkey brand cable

Tera Building
General Trading Prefabricated Building

TERA BUILDING FOR PREFABRICATED BUILDING کۆمپانیای تیرابیلّدین بۆ بینای ئامادهکراو و کابینه شرکة تیرابیلدین للبناء الجاهزة و الکرفانات



AIMS:

- 1- Our loyal customers feels and reassures, that he is a major focus of us
- 2- From the beginning of establishment, we wanted to be able to serve its our loyal customers in the right manner.
- 3- Tera building offers different groups of products to the market which are developed by technology and ongoing updating, Stepping into the development sector in the country.
- 4- To become a strong and trusted brand in its sector, well known for its quality and company culture in the domestic and international market that builds its future on its past full of success stories.

اهدافنا :

- ١- يشعر و يطمئِن زبائننِا الأوفياء أنهم محور تركيزنا الرئيسي
- ٢- منذ بداية التأسيس أردنا أن نكون قادرين على خدمت زبائننا الأوفياء بالطريقة الصحيحة
- ٣- يقدم تيرابيلدين مجموعات مختلفة من المنتجات للسوق وهي الّتي تم تطّويرها من خلال التكنولوجيا والتحديث المستمر ، والدخول في قطاع التنمية في البلاد
- ٤- أن تصبح علامة ُتجارية قوية وموثوقة في قطاعها ، معروفة بجودتها وثقافة الشركة في السوق المحلية والدولية التي تبني مستقبلها على ماضيها المليء بقصص النجاح

OUR VISION AND OUR VALUE:

To satisfy our customer's expectations consistently with the quality of our products and services that we are offering.

Along with a service mentality that makes customer satisfaction our top priority, to provide our reliable and long-lasting products that are products by making no concessions on quality, to our customers at the proper time, precisely and faultlessly.

The house will be designed by professional architecture, with the help of professional and knowledgeable staff. The designs, models, and materials will be chosen by the customer. The house will be completed within 20 days, including handing over the key to the customer.

رؤيتنا وقيمتنا ِ:

لتلبية توقعات زبائننا الأوفياء باستمرار مع جودة منتجاتنا وخدماتنا التي نقدمها جنبًا إلى جنب مع عقلية الخدمة التي تجعل إرضاء زبائننا في أولوياتنا تقديم منتجاتنا الموثوقة وطويلة الأمد والتي هي منتجات من خلال عدم تقديم تنازلات بشأن الجودة لعملائنا في الوقت المناسب وبدقة وبدون أخطاء

سيتم تصميم المنزل من خلال هندسة معمارية محترفة ، بمساعدة موظفين محترفين وذوي معرفة. سيتم اختيار التصميمات والنماذج والمواد من قبل العميل. سيتم الانتهاء من المنزل في غضون 20 يومًاو تسليم المفتاح للزبون



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Fb/ Tera Building

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اتصال:

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