

USING AREAS:

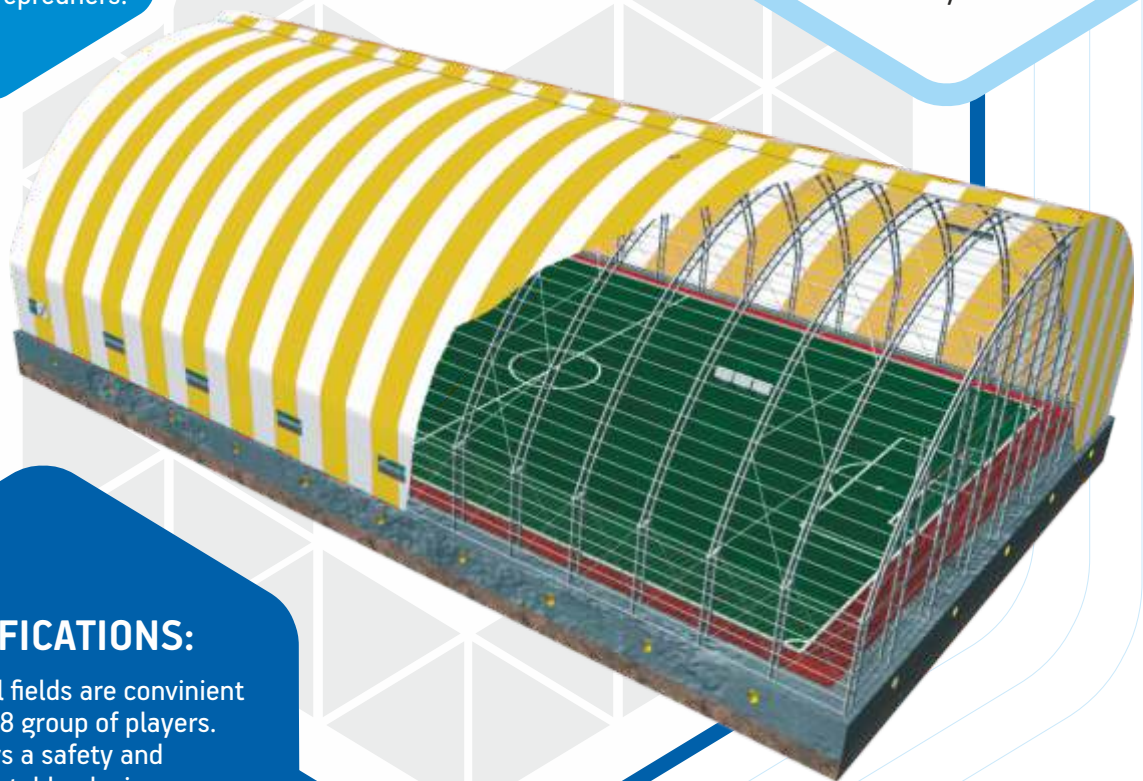
Mini football fields,
private buildings,
private schools and
private entrepreneurs.

SYSTEM DESCRIPTION:

Composite steel construction
with synthetic turf floor,
roof and sides covered
with tarpaulin or trapeze.
Ceiling and sides are totally
surrounded with
security nets.

SPECIFICATIONS:

Small football fields are convenient
for 5x5, 8x8 group of players.
It offers a safety and
comfortable playing
field for players with FIFA
approved synthetic turf
and surrounding of nets on the
sides and ceiling.



INDOOR FOOTBALL FIELD



TECHNICAL DETAILS

Field Sizes	Width: 20 – 30 M	Length: 40 – 60 M	Height: 6-8 M
Concrete Wall	Width: 30 CM - Height: 50 CM	C 25 – C30 type of concrete	
Sub Base	Gravel 25 CM	Concrete 15 CM	Asphalt 9 CM
Water Drainage	Drainage pipes are placed to concrete wall at 8 meters intervals in gravel floors.	Water is evacuated from surface by % 0.05 slope on concrete floors.	Water is evacuated from surface by % 0.05 slope on asphalt floors.
Steel Construction	Fixed system, Screwed system,	2 MM Integral Panel, 5 CM Sandwich Panel	Length:According to project Side Height: 3 - 6 M Middle Height: 13-16 M
Roof Covering	650 Gr Tarpaulin, 0.50 MM Trapeze,	2 MM Integral Panel, 5 CM Sandwich Panel	Length:According to project Side Height: 3 - 6 M Middle Height: 13-16 M
Wire Fence	Wire Fence	Panel Fence	
Net	%100 Polyamid Thread	Side Nets: 12x12 CM	Ceiling Nets: 15x15 CM
Lighting	12-18 Pcs	400 W Metal Halogen Lamps	200 W LED
Artificial Grass	40 MM, 50 MM, 55 MM, 60 MM,	High UV resistance between -30°C ~ +50°C	Fibrilated, Monofilament 3RD Generation 4RD Generation
Equipment	Goal Posts, Goal Nets		
Optional	Grey EPDM Granule, Green EPDM Granule, Protective Net, Score Board		

APPLICATION METHOD

Concrete Wall	The mould must be made very smoothly by using plywood plates.
Sub base	The ground must be compacted well and levelled. Gravel layers must be spreaded equally on the ground and must be levelled. There must not be corrugation on concrete or asphalt surfaces.
Steel Construction	Modular System: It must be produced in factory conditions. Fixed System: It must be connected by welding machines in project area.
Roof and Side Covering	Tarpaulin: Tarpaulins which are manufactured according to steel construction installed in project area. Trapeze, IntegralPanel and Sandwich panels: Installed by intelligent screws by putting one onto another against water and light isolation.
Wire Fence	It is fixed to the construction from outside of the field at certain intervals with special connection wires. Panel systems are fixed to the construction by special clips.
Net	It is bonded by polyamide threads with a special bonding way.
Lighting	Lighting lamps are adjusted and installed to lighten everywhere of the playing area.
Artificial Grass	Artificial grass carpets which are made from special PE raw material are manufactured according to football standards. It has high resistance against UV lights. All grass carpets are joined and glued on the land by using seaming tape and PU glue. Field lines in white or other colours are carefully placed on the field. After that sbr granules and sand are filled according to FIFA standards. Lastly the field is ready after finishing brushing process.



COLOURS		
Steel Construction	Standard : Green	Optional :All RAL Codes
Roof and Side Covering	Tarpaulin:All Main Colours	Trapeze, IntegralPanel and Sandwich Panel : All Main Colours
Wire Fence	Standard: Green	
Net	Standard: White	Optional: Black
Artificial Grass	Standard : Green	Optional: Light Green, Dark Green,Blue, Red, Yellow

BENEFITS	
Steel Construction	Resistance against wind and snow Strong construction with support poles
Roof and Side Covering	Tarpaulin:Competitive price, strong against water and all weather conditions Trapeze, IntegralPanel and Sandwich Panel: Having long life, isolation against voice and heat.
Wire Fence	Galvanized and PVC coated wire fence, it has elasticity to protect players and strengthened with a steel wire.
Net	Resistance for ball hits,having extra thread intense in goal posts for ball hit and turning to previous shape after hitting.
Lighting	Low cost lighting,partial lighting feature,resistance for outside weather conditions. Central electrical system,cable and lighting which have resistance for outside weather conditions.
Artificial Grass	The best performance to natural grass, very low risk of injury, 24 hours can be used, off side colour option is available.

PACKING TYPES	
Steel Construction	Prepared in special sizes and bonded.
Roof and Side Covering	Tarpaulin: Ready tarpaulins are loaded in rolls. Panel Coverings: Having widths of 100 - 120 CM, Lengths are produced according to projects. They are loaded and palletized.
Wire Fence	3 M – 6 M in widths and packed in rolls.
Net	Sack
Artificial Grass	4 M width and packed in rolls.
Felt	2 M width and packed in rolls.
Granule	In 50Kg/1000 Kg sacks.
Glue	21+4 KG in buckets.
Silica Sand	50 Kg/1000 Kg sacks
Lighting	Packed in special boxes.
Other	Different types, pallet or different kind of packing.

STORAGE CONDITIONS	
Glue	Between +5 ~ +30 °C
Others	Between -10 ~ +40 °C



PRODUCTION AND INSTALLATION PERIODS

	Preperation: 3 Days	Construction: 12 Days	Can't work simultaneously.
Sub base	Production: 15 Days	Installation: 10 Days	Can work simultaneously.
Steel Constructio and Painting	Production: 15 Days	Installation: 7 Days	Can work simultaneously.
Roof Covering	Production: 3 Days	Instalation: 2 Days	Can work simultaneously.
Wire Fence	Production: 7 Days	Instalation: 2 Days	Can work simultaneously.
Net	Supply: 2 Days	Instalation: 2 Days	Can work simultaneously.
Lighting	Production: 10 Days	Instalation: 7 Days	Can't work simultaneously.
Artificial Grass	Production: 2 Days	Instalation: 1 Day	Can work simultaneously.
Equipment			

WARRANTY

Steel Construction	5 Years	Snow and wind may differ according to areas.
Painting	1-10 Years	It has 10 years of warranty if it is galvanized.
Roof Covering	5-10 Years	Tarpaulin may have colour fadings after sometime due to UV lights. Integral panels have 10 years of warranty.
Wire Fence	3 Years	Wire fence may have cambers due to ball hits. It must ve corrected by maintenance.
Net	2- 5 Years	Goal posts back nets are having 2 years , side and ceiling nets are having 5 years of warranty.
Lighting	2 Years	
Artificial Grass	5-7 Years	It varies according to thread length and weather conditions.
Equipment	2 Years	

INDOOR FOOTBALL FIELD

EXAMPLE OF APPLICATIONS



integral[™]
integrated systems