

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. Its 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.



OUTDOOR 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	C25- C30 Concrete	
Sub base	Gravel (25 CM)	Concrete (15 CM)	Asphalt 9 CM
Water Drainage	Drainage pipes are placed into concrete wall at 8 meters intervals in gravel floor.	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	Support poles and diagonal connections	Length: According to project Height:6-8 M
Wire Fence	Wire Fence	Panel Fence	
Fence	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 4th generation
Equipment	Goal Posts	Goal Posts	Score Board
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.
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 are glued with polyester tape and special PU glue which has high resistance to UV lights and manufactured according to football performance from special PE products.All carpets are joined in the soccer field.White grass colour which is weaved in the factory for lines are placed. After that silica sand and sbr granules are filled according to FIFA standards.The last stage is brushing the field and the field becomes ready for playing.



COLOURS

Steel Construction	Standard: Green Optional : All RAL codes
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
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 hiting.
Lighting	Low cost lighting,partial lighting feature, resistance for outside weather conditions. Central electric system,cable and lighting which have resistance for outside weather conditions.
Artificial Grass	The best performance to natural grass, low risk of injury, 24 hours can be played on, off side colour option is available.

PACKING OPTIONS

Steel Construction	Prepared in special sizes and bonded.
Steel Construction	3M - 6M widths in rolls
Net	Sack
Artificial Grass	4 M in rolls and bonded.
Felt	2 M in rolls and bonded.
Granules	in 50Kg /1000 Kg big sacks
Glue	21+4 KG in buckles.
Silica Sand	in 50 Kg/1000 Kg sacks
Lighting	in special size boxes
Others	in different types, palletised, sack or other types.

STORAGE CONDITIONS

Adhesive and Derivative	Between +5 ~ +30 °C
Other Materials	Between -10 ~ + 40 °C



PRODUCTION AND INSTALLATION PERIODS

Sub base	Production: 3 Days	Installation : 10 days	can't work simultaneously.
Steel Construction and Painting	Production: 4 Days	Installation : 5 days	can work simultaneously.
Wire Fence	Production: 3 Days	Installation : 2 days	can work simultaneously.
Net	Production: 7 Days	Installation : 2 days	can work simultaneously.
Lighting	Supply: 2 Days	Installation : 2 days	can work simultaneously.
Artificial Grass	Production: 10 Days	Installation : 7 days	can't work simultaneously.
Equipment	Production: 2 Days	Installation : 1 day	can work simultaneously.

WARRANTY PERIODS

Steel Construction	5 Years	Snow and wind weights are differing from area to area.
Painting	1-10 Years	10 Years of warranty if it is galvanized coated.
Wire Fence	3 Years	Wire fence may have cambers due to ball hits. It must be 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	depends on the threads heights and thread type.
Equipment	2 Years	

OUTDOOR FOOTBALL FIELDS

EXAMPLE OF APPLICATIONS



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