

APPLICATION AREAS

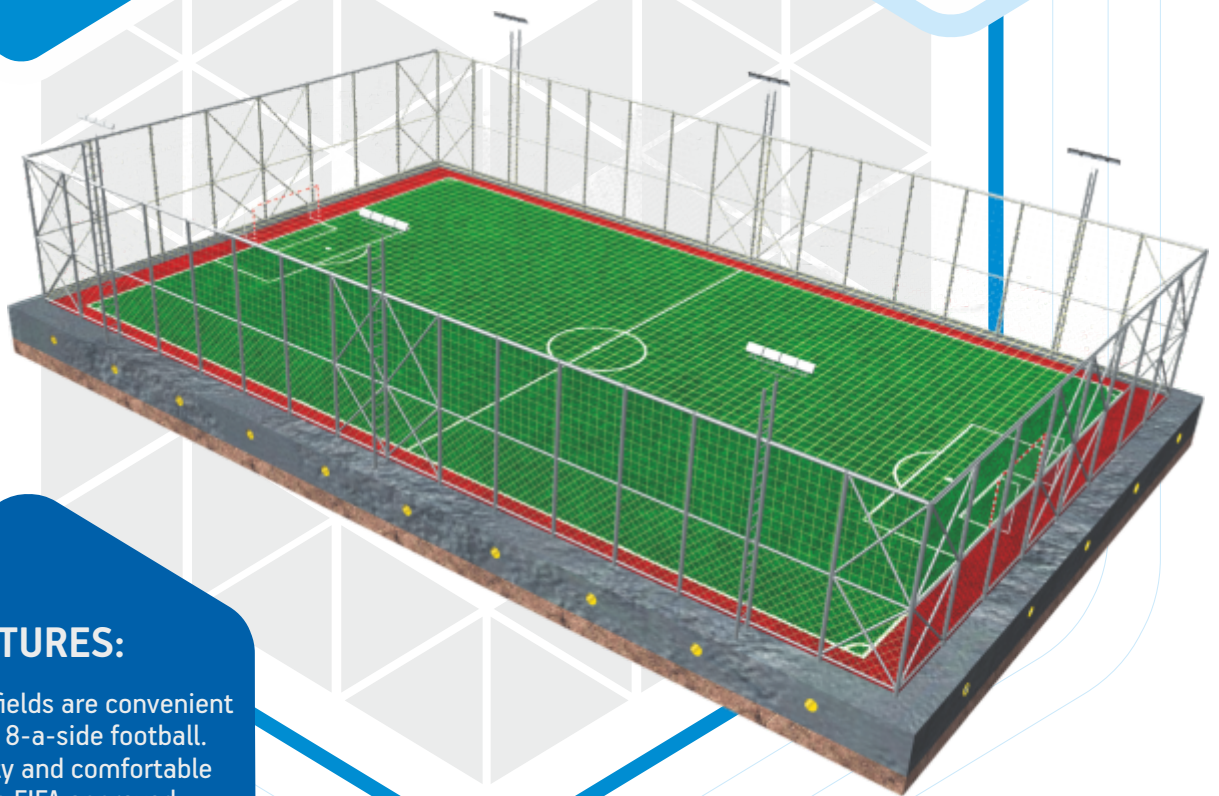
Mini football fields, private buildings, private schools and private businesses and public enterprises

SYSTEM DESCRIPTION:

Mini football fields with composite steel construction and synthetic turf floor, the ceiling and the sides are surrounded with netting.

FEATURES:

Small football fields are convenient 5-a-side and 8-a-side football. It offers safety and comfortable playing on FIFA approved synthetic turf and surrounding nets are on the sides and the ceiling.



OUTDOOR FOOTBALL FIELD



TECHNICAL INFORMATION

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	
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 4th generation
Equipment	Goal Posts	Goal Posts	Score Board
Optional	Grey EPDM Granule, Green EPDM Granule, Protective Net, Score Board		

INSTALLATION 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 the project area.
Wire Fence	It is fixed to the construction from outside of the field at certain intervals with special connecting 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.



COLORS

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

ADVANTAGES

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 to 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 closest performance to natural grass, low risk of injury, 24 hours can be played on, zebra color option is available.

PRODUCT PACKAGING

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.

PRODUCT STORAGE

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 differ from area to area.
Painting	1-10 Years	10 Years of warranty if it is galvanized.
Wire Fence	3 Years	Wire fence may have cambers due to ball hits. It must be corrected by maintenance.
Net	2- 5 Years	Goal post net: 2 years Side and Ceiling net: 5 years
Lighting	2 Years	
Artificial Grass	5-7 Years	depends on the thickness and type.
Equipment	2 Years	

OUTDOOR FOOTBALL FIELDS

EXAMPLES OF APPLICATIONS



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