

## USING AREAS:

Sport fields, private buildings, official and private schools and entrepreneurs.

## SYSTEM DESCRIPTION:

It is a field that can be played basketball, volleyball, tennis and football in the same field with wire fence surrounding for security.

## SPECIFICATIONS:

Multi use sport fields are convenient for two or more groups. They can play comfortably with different kind of pitch option in a field that is surrounded by wire fence for security.



## MULTI USE GAME FIELDS



### TECHNICAL DETAILS

<b>Field Sizes</b>	Width: 15 – 20 M	Height: 20 – 40 M	
<b>Concrete Wall</b>	Width: 30 CM-Height : 50 CM	C25-C30 Concrete	
<b>Sub base</b>	Concerete (15 CM)	Asphalt (9 CM)	
<b>Water Drainage</b>	Water is evacuated from surface by 0.05% sloop on concrete floors.	Water is evacuated from surface by 0.05% sloop on asphalt floors.	
<b>Steel Construction</b>	Fixed system, Screwed system	Support poles and diagonal connections	Height: According to project =4-6 M
<b>Wire Fence</b>	Wire fence	Panel wire	Height= 4-6 M
<b>Net</b>	%100 Polyamid Yarn	Side Net: 12x12 CM	Ceiling net: 15x15 CM
<b>Lighting</b>	6-12 Pieces	400 W Metal Halogen Lamps	200 W LED
<b>Floor Coverings</b>	Artificial grass Tartan Acrylic floor	High UV resistance, high heat resistance between -30°C ~ +50°C	
<b>Equipments</b>	Basketball Goal Posts and Nets Volleyball Pole and Net Tennis Pole and Net Goal Post and Nets Score Board		
<b>Optional</b>	Ceiling Net		

### COLOURS

<b>Steel Construction</b>	Standard: Green	Optional: All Rall Codes
<b>Wire Fence</b>	Standard: Green	
<b>Net</b>	Standart: White	Optional : Black
<b>Artificial Grass</b>	Standard: Green	Optional: Light Green,Dark Green,Blue,Red,Yellow



APPLICATION METHOD	
<b>Concrete Wall</b>	The mould of concretes must be made very smoothly by using plywood panels.
<b>Sub base</b>	The ground surface must be compacted well and levelled. <b>Tartan:</b> The ground must be concrete or asphalt. The ground must be levelled and there must be slope to one side. <b>Acrylic:</b> The ground must be asphalt. If it is not possible concrete can be done. Asphalt or concrete surface must not have curve on the ground it must be levelled and slope must be to one side. Floor hardener must not be used in concrete surfaces. <b>Artificial grass:</b> The surface must be asphalt or concrete without any curve on the ground. It must be levelled well. There must be slope to one side.
<b>Steel Construction</b>	It is fixed to the construction from the outside of the field at certain intervals with special connection wires. Panel systems are fixed to the construction with special clips.
<b>Wire fence</b>	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.
<b>Net</b>	The polyamide threads are bonded with special bonding way.
<b>Lighting</b>	Lighting projectors are fixed by adjusting the angles and gaps to illuminate the entire field.
<b>Floor Coverings</b>	<b>Tartan:</b> The surface humidity and heat of the weather are very important. It is applied with a finisher machine and an operator by using SBR & UV resistance EPDM raw materials which has one component, high strength PU binder. <b>Acrylic :</b> Surface humidity and weather conditions are important. Acrylic paintings which are water based high resistance for UV lights must be applied 4-16 times to surface of the ground. Cure time must be waited before applying other coating. <b>Artificial grass:</b> 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 international standards. The last stage is brushing the field and the field becomes ready for playing. Artificial grass system must be produced according to criteria of basketball and tennis ball jumping.

BENEFITS	
<b>Steel Construction</b>	The system has resistance to wind and snow which poles are reinforced and supported.
<b>Wire Fence</b>	PVC coated and galvanized wire fence options, it is reinforced by steel rope and has a flexible structure which preventing players from injury.
<b>Net</b>	Resistance for ball shootings, having extra density for goal posts and turning to previous condition due to having a flexible structure.
<b>Lighting</b>	Low cost lighting, partial lighting is possible, using a projector which has resistance for outdoor use in four seasons, having central electric system and cable
<b>Floor Coverings</b>	The best option to natural ground, low risk of injury, can be used 24 hours.



### PACKING OPTIONS

<b>Steel Construction</b>	Produced in special measurements and packed bonded.
<b>Wire Fence</b>	Packed in 3M - 6 M width and bonded in rolls.
<b>Net</b>	Sack
<b>Artificial Grass</b>	Packed in 4 M widths and bonded. Polyester band is packed in 1.4 M rolls. Glue has two components and in buckets. Silica sand in 50 / 1000 kg sacks.
<b>Tartan</b>	Binder in 200 KG barrels , EPDM in 25 kg sacks, SBR in 50/1000 KG sacks.
<b>Acrylic</b>	50-70 KG in plastic barrels.
<b>Lighting</b>	in special measurement boxes
<b>Others</b>	Different types, pallet, sack and other types

### STORAGE CONDITIONS

<b>Adhesive and Derivatives</b>	Between +5 ~ +30°C
<b>Other Materials</b>	Between -10 ~ +40°C

### PRODUCTION AND INSTALLATION PERIODS

<b>Sub base</b>	Preparation : 3 Days	Construction: 10 Days	Can't work simultaneously.
<b>Steel Construction and Painting</b>	Preparation : 4 Days	Installation: 5 Days	can work simultaneously.
<b>Wire Fence</b>	Preparation : 3 Days	Installation: 2 Days	can work simultaneously.
<b>Lighting</b>	Supply: 2 Days	Installation: 2 Days	can work simultaneously.
<b>Floor Coverings</b>	Production: 10 Days	Installation: 5 Days	can't work simultaneously.
<b>Equipment</b>	Production: 2 Days	Installation: 1 Day	can work simultaneously.

### WARRANTY PERIODS

<b>Steel Construction</b>	5 Years	Depends from area to area
<b>Painting</b>	1-10 Years	If it is galvanized wire fence it has 10 years of warranty.
<b>Wire Fence</b>	3 Years	Wire fence may have curves after sometimes due to ball shooting and must be corrected by maintenance.
<b>Net</b>	2- 5 Years	Goal posts nets 2 years, side and ceiling nets are having 5 years of warranty.
<b>Lighting</b>	2 Years	
<b>Floor Coverings</b>	3-5 Years	Acrylic: 3 Years, Artificial Grass: 5 Years, Tartan :5 Years
<b>Equipment</b>	2 Years	

# MULTI USE FIELDS

## EXAMPLE OF APPLICATIONS



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