

USAGE AREAS

Training Fields,
Professional Football
And Rugby Fields,
Mini Football
Fields

SYSTEM DESCRIPTION

The Integral Premium
System Is One Of The Most
Common Systems Preferred
On Professional Football
Fields. It Meets Fifa
Standards.

FEATURES

Premium, Which Has The Nearest
Performance To Natural Grass,
Can Retain Performance For Many
Years Thanks To Its Special
Polyethylene Raw Material. With
UV Resistance, It Preserves Color
Quality, Giving The Player And
The Audience A Taste Of
Natural Grass For
Many Years.

PREMIUM





TECHNICAL INFORMATION

Felt	Grizzled - White	150 Gr – 500 Gr	
Shock Pad	Cross-linked Polyethylene	8 – 20 MM	30 – 50 Density
Synthetic Grass	40 MM - 50 MM - 55 MM - 60 MM PREMIUM		
Base Cloth	165 GR - 220 GR PP BASE CLOTH		
Backing	1.230 - 1.370 GR LATEX		
Yarn	13.200/6 DTEX	%100 Pe Monofilament	V Shape - Spined
Knot Number	7.650 8.288 PCS		
Yarn Weight	981 GR - 1.397 GR		
Total Weight	2.174 GR - 2.904 GR		
Helmetin Cloth	450 Gr Tarpaulin		
Adhesive	21 + 4 Kg Two-component Polyurethane Adhesive		
Silica Sand	0.2 - 1.0 Mm Dried And Kiln-dried Round Silica Sand (10-14 Kg)		
Granule	1 - 3.5 Mm Black Dust-free Sbr Rubber Granule (5 - 9 Kg)		
Optional	Shock Pad, Gray Or Green Epdm Filling		

INSTALLATION METHOD

Infrastructure	Gravel Ground Will Be Corrected In Accordance With The Football Field Special Code.
Felt	Protective And Sand Holding Felt Is Wetted And Layed Under The Grass Carpet.
Shockpad	It May Be Used Optionally, Rolls Are Layed And Combined With Special Tape.
Synthetic Grass	Helmettin Cloth Is Used To Combine Pieces Of Grass Carpet.
Game Line	Game Lines Are Placed On The Grass Field By Cutting The Original White-yellow Grass Carpets 8-12 Cm Width.
Helmetin Cloth	Helmettin Cloth Is Used To Combine Pieces Of Grass Carpet.
Adhesive	Well-mixed Two Component Adhesive Is Applied To The Helmetin Cloth, Placing It Between Two Pieces Of Grass Carpet And Making Sure That The Grass Carpet Edge Meets Well With The Adhesive.
Silica Sand	Silica Sand Is Implemented Equally In The Grass Carpet With The Help Of Specialized Equipment And Machines. Then Level Correction Is Performed.
Granule	After Silica Sand, Rubber Granules Are Applied Equally With The Help Of Special Equipment And Machines. The Field Will Be Ready To Play By Finishing The Final Level Correction.

COLORS

Grass Carpet	Light Green, Dark Green, Mixed Green
Grass Carpet Line	White, Yellow, Red
Out Of Line	Green, Red





KEY BENEFITS

Grass Carpet	Meets Fifa Standards, Performance Close To Natural Grass, Ideal For Countries With Cold And Hot Climate.
Shock Pad	Preferred For Shock Absorption Performance.
Silica Sand	It Has The Ability To Drain 100% Of The Water, Making Grass Carpet Fibers Stand Upright.
Granule	It Provides The Nearest Performance To Natural Grass In Shock Absorption, Ball Rolling And Ball Bouncing.

PACKAGING TYPES

Felt	It Is Wrapped As Roll Of 2m Width.
Shock Pad	It Is Wrapped As Roll Of 1.5m Width.
Grass Carpet	It Is Wrapped As Roll In 4m Width.
Helmetin Cloth	It Is Wrapped In Round Roll.
Adhesive	In Buckets Of 21+4 Kg.
Silica Sand	Sacks Of 50 Kg / 1000 Kg.
Granule	Sacks Of 50 Kg / 1000 Kg
Other	In Various Ways, Its Palette Is Sacks And Free Goods.

STORAGE CONDITIONS

Glue And Its Derivatives	In Unopened Packagings, It Can Be Stored For 12 Months From +5 To +30 Degrees.
Other Materials	In Unopened Packagings, It Can Be Stored For 24 Months From +0 To +40 Degrees.

MANUFACTURING AND INSTALLATION TIME

Infrastructure	Preperation: 1 Day	Construction: 2-7 Days	Cannot Be Applied Simultaneously
Shock Pad	Manufacturing: 10 Days	Installation: 1-2 Days	Cannot Be Applied Simultaneously
Grass Carpet	Manufacturing: 10 Days	Installation: 2-7 Days	Cannot Be Applied Simultaneously
Silica Sand	Manufacturing: 10 Days	Installation: 1-5 Days	Cannot Be Applied Simultaneously
Granule	Supply: 7 Days	Installation: 1-2 Days	Cannot Be Applied Simultaneously

WARRANTY

Grass Carpet Uv Warranty	5-7 YEARS	5% Tolerance
Grass Carpet Yarn Breaking	5-7 YEARS	10% Tolerance
Silica Sand	5-7 YEARS	15% Tolerance
Sbr Granule	5-7 YEARS	10% Tolerance
Application Warranty	2 YEARS	In Case Of Maintenance Agreement (5 Years)



PREMIUM



avengrass™