

SPORTGROUNDS

SURFACES FOR INDOOR SPORTS

The SportGrounds range offers a variety of surfaces for indoor sports facilities characterised by:

- heterogeneous, multilayer, non-delaminable structure that satisfies high shock-absorption standards;
- energy restitution and playability;
- high-density surface that guarantees resistance and long-term durability;
- fibreglass reinforcement that allows optimal dimensional stability;
- Excellent athletic performance under maximum safety conditions;
- Sanalim antibacterial treatment ensures considerable and permanent hygienic conditions;
- quick and simple maintenance.

The installation of SportGrounds products is carried out on level, uniform, and dry sub-bases. The rolls must be placed in their final position at least 24 hours before the installation and the perfection of the seams between the sheets must be controlled. The environmental temperature must not be below 15°C.

The installation method may differ according to the product:

- Glued installation: glue is selected according to the nature and conditions of the sub-base. In the presence of absorbent sub-bases, an acrylic glue may be used, while for installations on non-absorbent sub-bases, a bicomponent polyurethane glue must be used. The seams must be hot-welded with PVC rod or cold-welded with specific chemical bonding agents;
- Loose laid installation: the flooring is simply laid onto the sub-base with a single hot-welding of the seams with PVC rod or a cold chemical bonding agent. It is necessary to fix with glue the entire perimeter of the gym.

The tracing of playing lines must be done with a bicomponent polyurethane paint made specifically for surfaces in PVC.

Required maintenance is simple and quick: washing the surface with a small quantity of water with some neutral detergent should suffice.



The operation may be carried out manually or with a single-brush machine. The quality of SportGrounds products is recognised by leading international federations.





أرضية الصالة الرياضية
أكاديمية تدريب الشرطة - أريحا






SUPERSPORT SL 6 mm

DENOMINATION	SuperSport SL		
DESCRIPTION	<p>SuperSport SL is the ideal vinyl floor in order to make indoor grounds for basket, volley and handball. It is composed with an heterogeneous multilayer, including ULTRA TOP structure. The wearing layer is high concentrated PVC finished in polyurethane ULTRA TOP and anti-slip embossed surface. The intermediate layer is high concentrated, in order to assure a perfect adhesion of the floor to subbase. The backing in expanded closed-cells PVC is reinforced with a special glass fibre to guarantee a high level of dimensional stability. Excellent, long-lasting, hygienic features are guaranteed by the use of a special antibacterial treatment SANALIM.</p>		
COLOUR	Solid colour (12 variants) - Wood Design (2 variants) - Croco Design (6 variants)		
LAYING	<p>The laying of SuperSport SL is made on flat, even, dry floor foundations, hot-welded together using a special PVC welding rod or cold-welded using a chemical welding agent. For this reason SuperSport SL is suitable for temporary competitive activities with a practice re-using with cold-welded joints. For permanent installation is not requested the use of glues on all surface: the gluing has been made only on the perimeter, in the middle of the pitch (in the case that are joints of head) and in correspondence of entrances.</p>		
MAINTENANCE	<p>The maintenance of SuperSport SL is easy and rapid: wash using a small quantity of water containing neutral detergents.</p>		
TECHNICAL CHARACTERISTICS			
	Thickness		6,0 (± 0,2 mm)
	Top layer		1,65 mm
	Weight		5,23 Kg/m ² (-10%+13%)
	Width rolls		150 cm(±1)
	Lenghts rolls		20 mt or on request
	Top treatment		ULTRA TOP
	Antibacterial treatment		SANALIM
	Dimensional stability	EN 1903-1892	< 0,2 %
	Hardness		78 Shore A
	Sound insulation	UNI EN ISO 717-2	26 dB
	Chemical products resistance		The neutral detergents usually employed for cleaning the surfaces do not alter their characteristics.
SPORT CHARACTERISTICS			
	Shock absorption	EN14808	25%
	Friction	EN 13036-4	110
	Vertical ball rebound	EN12235	99%
	Vertical deformation	EN14809	0,7 mm
	Specular gloss	EN ISO 2813	20%
	Rolling load	NF EN1569	0,10 mm
	Wear resistance	EN ISO 5470-1	0,278 gr
	Resistance to indentation	NF EN 1516	0,12 mm
	Resistance to impact	NF EN1517	no damage
	IN CORRESPONDENCE WITH STANDARD		EN14904
REACTION TO FIRE		EN13501-1	BF-S1
HOMOLOGATIONS	 		

SUPERSPORT SL 8mm

DENOMINATION	SuperSport SL		
DESCRIPTION	<p>SuperSport SL is the ideal vinyl floor in order to make indoor grounds for basket, volley and handball. It is composed with an eterogeneous multilayer, indelaminable structure. The wearing layer is high concentrated PVC finished in polyurethane ULTRA TOP and anti-slip embossed surface. The intermediate layer is high concentrated, in order to assure a perfect adhesion of the floor to subbase. The backing in expanded closed-cells PVC is reinforced with a special glass fibre to guarantee a high level of dimensional stability. Excellent, long-lasting, hygienic features are guaranteed by the use of a special antibacterial treatment SANALIM.</p>		
COLOUR	Solid colour (12 variants) - Wood Design (2 variants) - Croco Design (6 variants)		
LAYING	<p>The laying of SuperSport SL is made on flat, even, dry floor foundations, hot-welded together using a special PVC welding rod or cold-welded using a chemical welding agent. For this reason SuperSport SL is suitable for temporary competitive activities with a practice re-using with cold-welded joints. For permanants installation is not requested the use of glues on all surface; the gluing has been made only on the perimeter, in the middle of the pitch (in the case that are joints of head) and in correspondense of entrances.</p>		
MAINTENANCE	The maintenance of SuperSport SL is easy and rapid: wash using a small quantity of water containing neutral detergents.		
TECHNICAL CHARACTERISTICS	<p>Thickness</p> <p>Top layer</p> <p>Weight</p> <p>Width rolls</p> <p>Lenghts rolls</p> <p>Top treatment</p> <p>Antibacterial treatment</p> <p>Dimensional stability</p> <p>Hardness</p> <p>Sound insulation</p> <p>Chemical products resistance</p>	<p>EN 1903-1892</p> <p>UNI EN ISO 717-2</p>	<p>8,0 (± 0,2 mm)</p> <p>2,5 mm</p> <p>6,7 Kg/m² (± 10%)</p> <p>150 cm</p> <p>20 mt or on request</p> <p>ULTRA TOP</p> <p>SANALIM</p> <p>< 0,2 %</p> <p>78 Shore A</p> <p>26 dB</p> <p>The neutral detergents usually employed for cleaning the surfaces do not alter their characteristics.</p>
SPORT CHARACTERISTICS	<p>Shock absorbtion</p> <p>Friction</p> <p>Vertical ball rebound</p> <p>Vertical deformation</p> <p>Specular gloss</p> <p>Rolling load</p> <p>Wear resistance</p> <p>Resistance to identation</p> <p>Resistance to impact</p> <p>IN CORRESPONDENCE WITH STANDARD</p>	<p>EN 14808</p> <p>EN 13036-4</p> <p>EN 12235</p> <p>EN 14809</p> <p>EN ISO 2813</p> <p>EN 1569</p> <p>EN ISO 5470-1</p> <p>EN 1516</p> <p>EN 1517</p>	<p>31%</p> <p>110</p> <p>99%</p> <p>2,5 mm</p> <p>26%</p> <p>0 mm</p> <p>0,12 g</p> <p>0,37 mm</p> <p>no damage</p> <p>EN 14904</p>
REACTION TO FIRE	EN 13501-1		Bfl - s1
HOMOLOGATIONS	 		

SUPERSPORT SL 10 mm

DENOMINATION	SuperSport SL 10		
DESCRIPTION	<p>SuperSport SL is the ideal vinyl floor in order to make indoor grounds for basket, volley and handball. It is composed with an eterogeneous multilayer, indelamina ULTRA TOP. The wearing layer is high concentrated PVC finished in polyurethane ULTRA TOP and anti-slip embossed surface. The intermediate layer is high concentrated, in order to assure a perfect adhesion of the floor to subbase. The backing in expanded closed-cells PVC is reinforced with a special glass fibre to guarantee a high level of dimensional stability. Excellent, long-lasting, higyenic features are guaranteed by the use of a special antibacterial treatment SANALIM.</p>		
COLOUR	uni colours (12 variants) - wood design (2 variants) - Croco Design (6 variants)		
LAYING	<p>The laying of SuperSport SL is made on fiaqt, even, dry floor foundations, hot-welded together using a special PVC welding rod or cold-welded using a chemical welding agent. For this reason SuperSport SL is suitable for temporary competitive activities with a practice re-using with cold-welded joints. For permanents installation is not requested the use of glues on all surface; the gluing has been made only on the perimeter, in the middle of the pitch (in the case that are joints of head) and in correspondance of entrances.</p>		
MAINTENACE	The maintenance os SuperSport SL is easy and rapid: wash using a small quantity of water containing neutral detergents.		
TECHNICAL CHARACTERISTICS	<p>Thickness 10,0 (± 0,2 mm)</p> <p>Top layer 2,5 mm</p> <p>Weight 7,38 Kg/m2 (± 10%)</p> <p>Width rolls 150 cm</p> <p>Lenghts rolls 20 mt o su richiesta</p> <p>Top treatment ULTRA TOP</p> <p>Antibacterial treatment SANALIM</p> <p>Dimensional stability EN 1903-1892 < 0,2</p> <p>Hardness 78 Shore A</p> <p>Sound insulation UNI EN ISO 717-2 >26 dB</p> <p>Chemical products resistance I detergenti neutri normalmente utilizzati per la pulizia del materiale non ne alterano le caratteristiche</p>		
SPORT CHARACTERISTICS	<p>Shock absorbtion EN 14808 42%</p> <p>Friction EN 13036-4 106</p> <p>Vertical ball rebound EN 12235 97%</p> <p>Vertical deformation EN 14809 1,8mm</p> <p>Specular gloss EN ISO 2813 7,2%</p> <p>Rolling load EN 1569 0,1mm</p> <p>Wear resistance EN ISO 5470-1 0,074g</p> <p>Resistance to identation EN 1516 0,16mm</p> <p>Resistance to impact EN 1517 no damage</p>		
REACTION TO FIRE	EN 13501-1	EN 14904 Bfl-s1	
HOMOLOGATIONS			

SPORTGYM

DENOMINATION	SportGym	
DESCRIPTION	<p>SportGym is the ideal vinyl floor covering for indoor sports grounds with an heterogeneous, multi-layer, undelaminable structure. The wearing layer is high concentrated PVC finished in polyurethane ULTRA TOP and anti-slip embossed surface. The backing in expanded closed-cells PVC is reinforced with a special glass fibre to guarantee a high level of dimensional stability. Excellent, long-lasting, higienic features are guaranteed by the use of a special antibacterial treatment SANALIM.</p>	
COLOUR	Solid colour (12 variants) - croco design (6 variants)	
LAYING	<p>The laying of SportGym is made on flat, even, dry floor foundations, using specific glues which vary according to the type and condition of the foundation. If the foundations are absorbent you should use an acrylic glue, while if they are non-absorbent you have to use a polyurethane two-components glue. The edges must be hot-welded together using a special PVC welding rod or cold-welded using a chemical welding agent.</p>	
MAINTENANCE	<p>The maintenance of SportGym is easy and rapid: wash using a small quantity of water containing neutral detergents.</p>	
TECHNICAL CHARACTERISTICS	<p>Thickness 3,0 - 4,0- 5,0 mm (± 0,2 mm)</p> <p>Wear resistance 1,5 mm</p> <p>Weight 2,7 - 3,6 Kg./m²</p> <p>Width rolls 150 cm</p> <p>Length rolls 20 mt or on request</p> <p>Top treatment ULTRA TOP</p> <p>Antibacterial treatment SANALIM</p> <p>Dimensional stability EN 1903-1892 < 0,2 - < 0,2 %</p> <p>Hardness 73 - 74 Shore A</p> <p>Sound Insulation UNI EN ISO 717-2 / - 20 dB</p> <p>Resistenza prodotti chimici The neutral detergents usually employed for cleaning the surfaces do not alter their characteristics.</p>	
SPORT CHARACTERISTICS	<p>Shock absorbiton EN 14808 / - 22 %</p> <p>Friction EN 13036-4 / - 100</p> <p>Vertical ball rebound EN 12235 99 - 99 %</p> <p>Vertical deformation EN 14809 0,3 - 0,6 mm</p> <p>Specular gloss EN ISO 2813 26 - 26 %</p>	
REACTION TO FIRE	EN 13501-1	Bfl - s1
HOMOLOGATIONS	  	

BADMINTON

DENOMINATION	Badminton		
DESCRIPTION	<p>Badminton is an heterogeneous, multi-layer, undelaminable vinylfloor covering specific for badminton courts. Wearing layer in high concentrated PVC and anti-slip embossed surface. Backing in expanded closed-cells PVC, reinforced with glass-fibre to guarantee a high level of dimensional stability. The velcro joint between sheets makes this flooring removable and therefore particularly recommended for temporary events. Excellent, long-lasting, hygienic features are guaranteed by the use of antibacterial treatment SANALIM</p>		
COLOUR	Solid colour - Green		
LAYING	<p>Badminton is laid by intalling the rolls on flat, smooth, even floor fundation. The rolls are fixed by a special "velcro" joint.</p>		
MAINTENANCE	<p>The maintenance of Badminton is easy and rapid: wash using a small quantity of water containing neutral detergents.</p>		
TECHNICAL CHARACTERISTICS	Thickness		4,5 (± 0,2 mm)
	Wear resistance		1,5 mm
	Weight		3,5 Kg/m2 (± 10%)
	Width rolls		150 cm
	Lenght rolls		20 mt or on request
	Antibacterial treatment		SANALIM
	Dimensional stability	EN 1903-1892	< 0,2 %
	Hardness		59 Shore A
	Chemical products resistance		The neutral detergents usually employed for cleaning the surfaces do not alter their characteristics.
SPORT CHARACTERISTICS	Vertical deformation	EN 14809	0,5 mm
	Specular Gloss	EN ISO 2813	22%
REACTION TO FIRE		EN 13501-1	Bfl - s1
HOMOLOGATIONS			

The SportGrounds flooring recommended for each sport is summarised below:

SPORT	BASKETBALL	VOLLEYBALL	HANDBALL	TENNIS	BADMINTON	MULTISPORT
FLOORING						
SportGym 3 -4- 5 mm						
SportPro 7.0 mm						
SuperSport SL 6-8-10 mm						
Supersport Tennis 6 mm						
Sportpower 2,2 mm						
SportGame 4.0 mm						
SportGame Eco 4.0 mm						
Badminton 4.5 mm						







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heterogeneous PVC indoor sport flooring