

ECOsoft®

SPORTS FLOORING

Indoor PVC Sports Flooring
EcoSoft India Pvt. Ltd.



FIBA
We Are Basketball

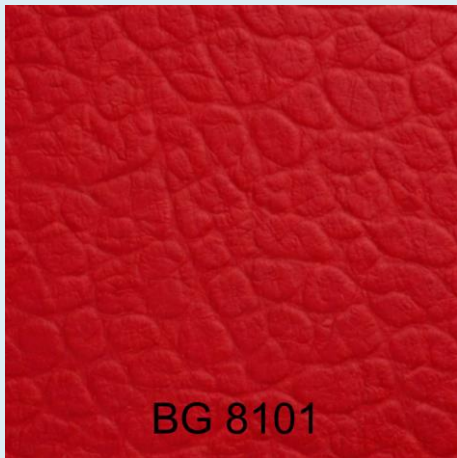
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About Us & EcoSports

EcoSoft is a beacon of excellence, specialising in manufacturing and importing eco-friendly flooring solutions for commercial and residential spaces. With an unwavering commitment to quality, innovation, and environmental sustainability, we pioneer products like PVC Sports Flooring, commercial cushion backing and eco-backing carpet tiles. EcoSoft: where style meets eco-conscious responsibility for transformative spaces.

EcoSoft is renowned for its high-quality PVC sports flooring, certified by BWF (Badminton World Federation), ITTF (International Table Tennis Federation), and ITF (International Tennis Federation) for sports and commercial applications. With enhanced versatility, utilizing high-grade rubber and a significant eco-preferred content, EcoSoft's sports flooring excels in areas with extensive physical activities. Ideal for synthetic surfacing in locations such as sports centres, kids' playgrounds, running tracks, and cycling areas, our flooring offers unmatched performance and durability. Crafted from 100% virgin material, our PVC floorings are ideal for spaces such as sports halls, kindergartens, gyms, dance rooms, and more.



BG 8101



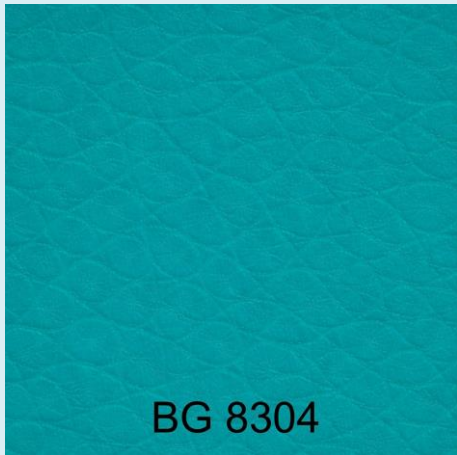
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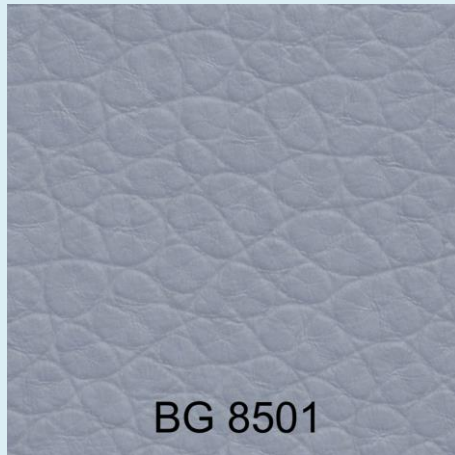
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BG 8303



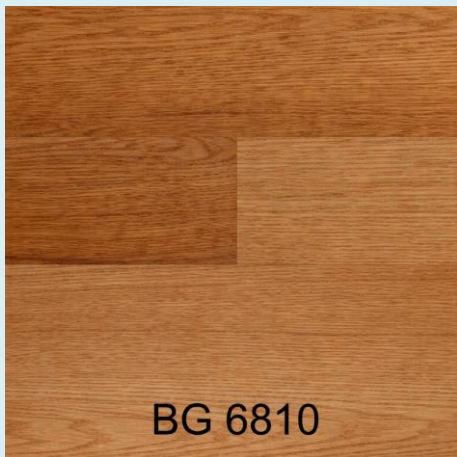
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BG 8501



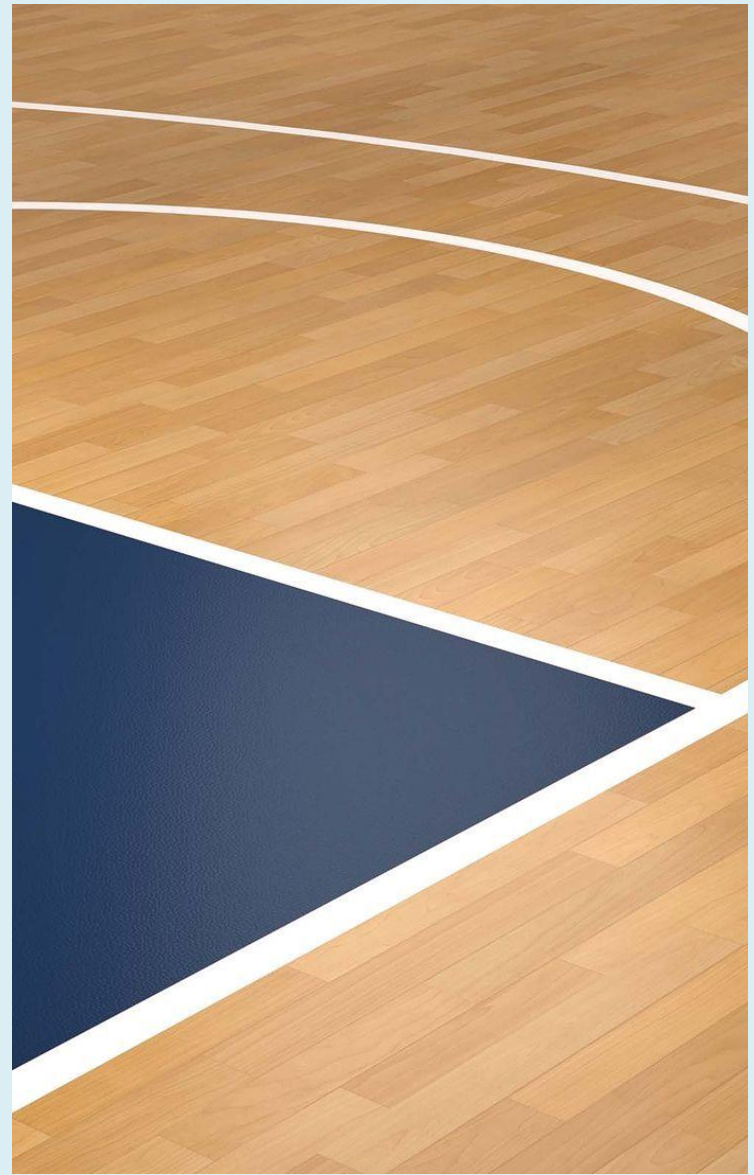
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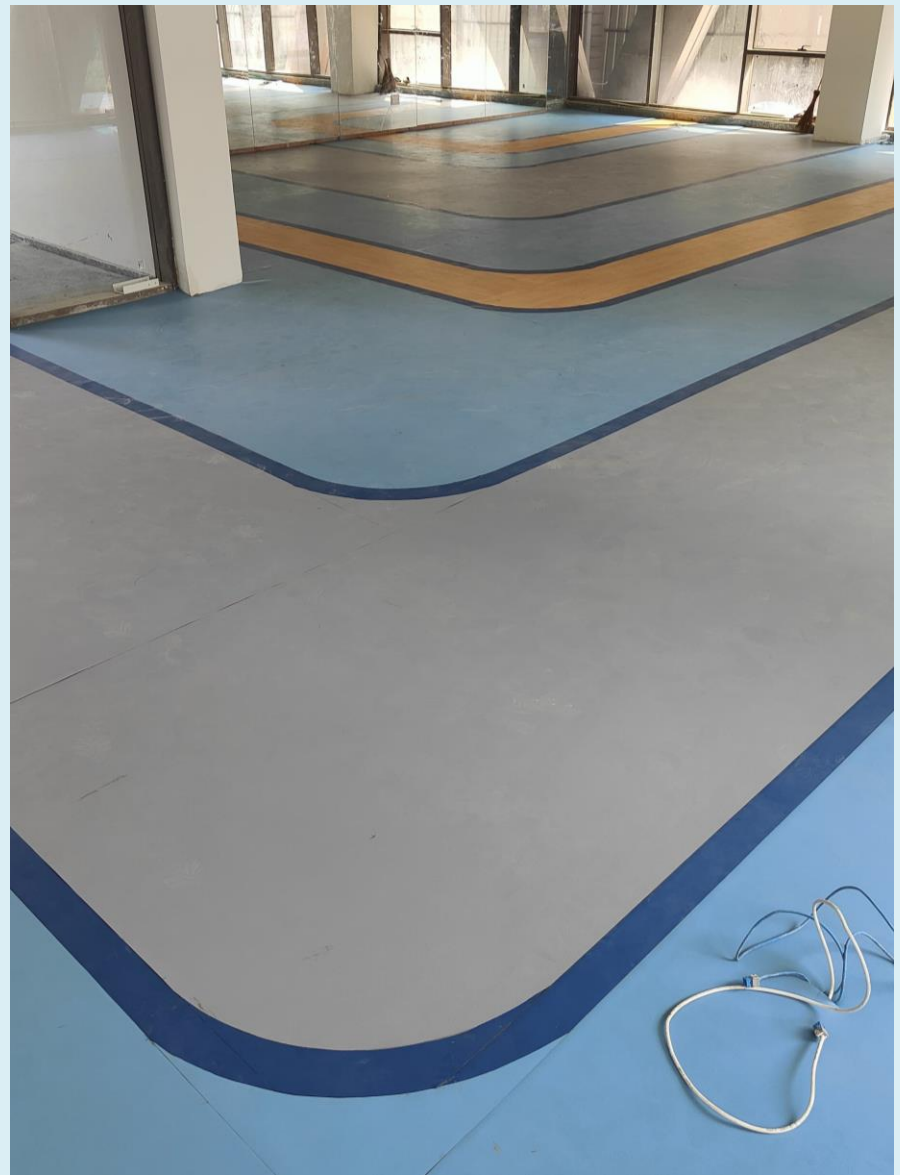
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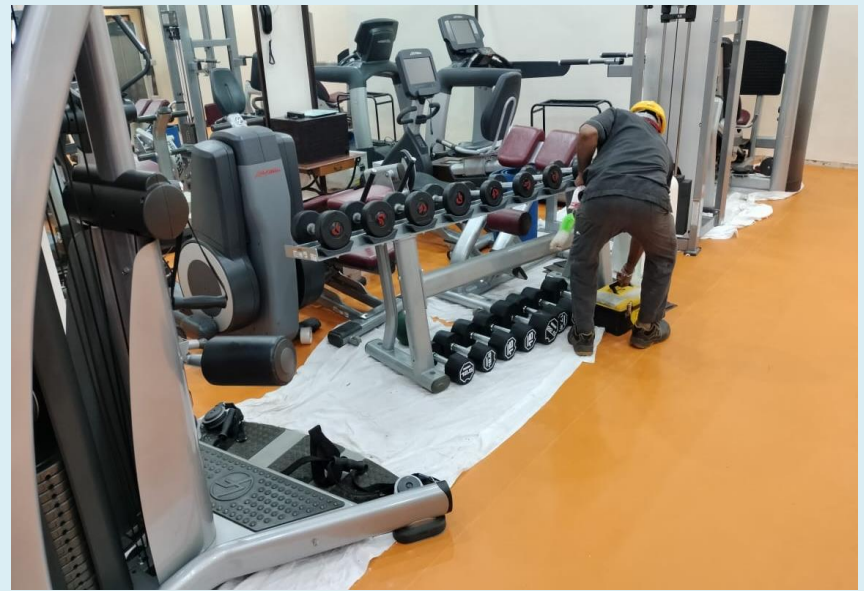
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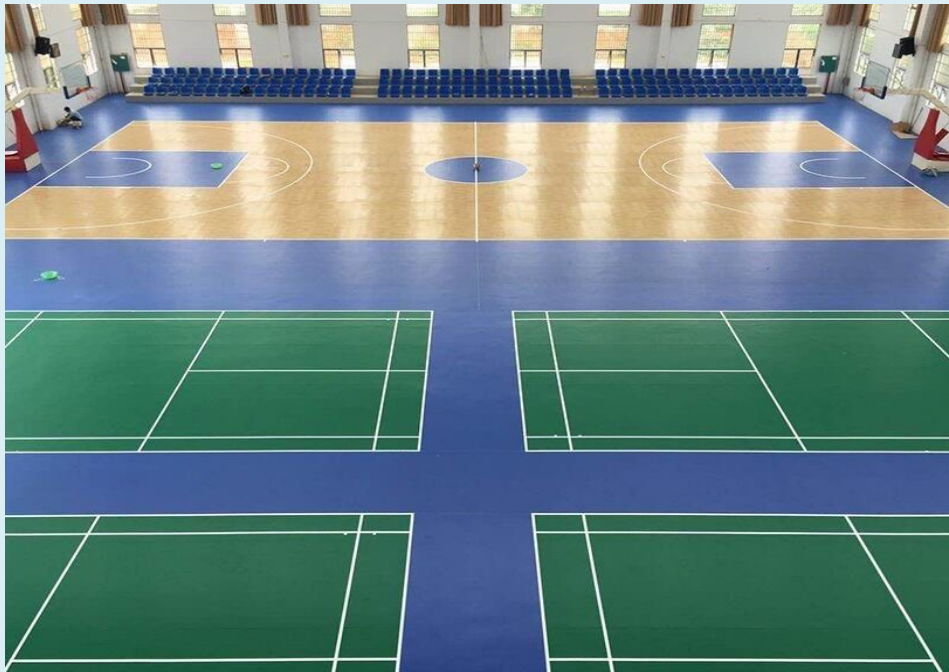
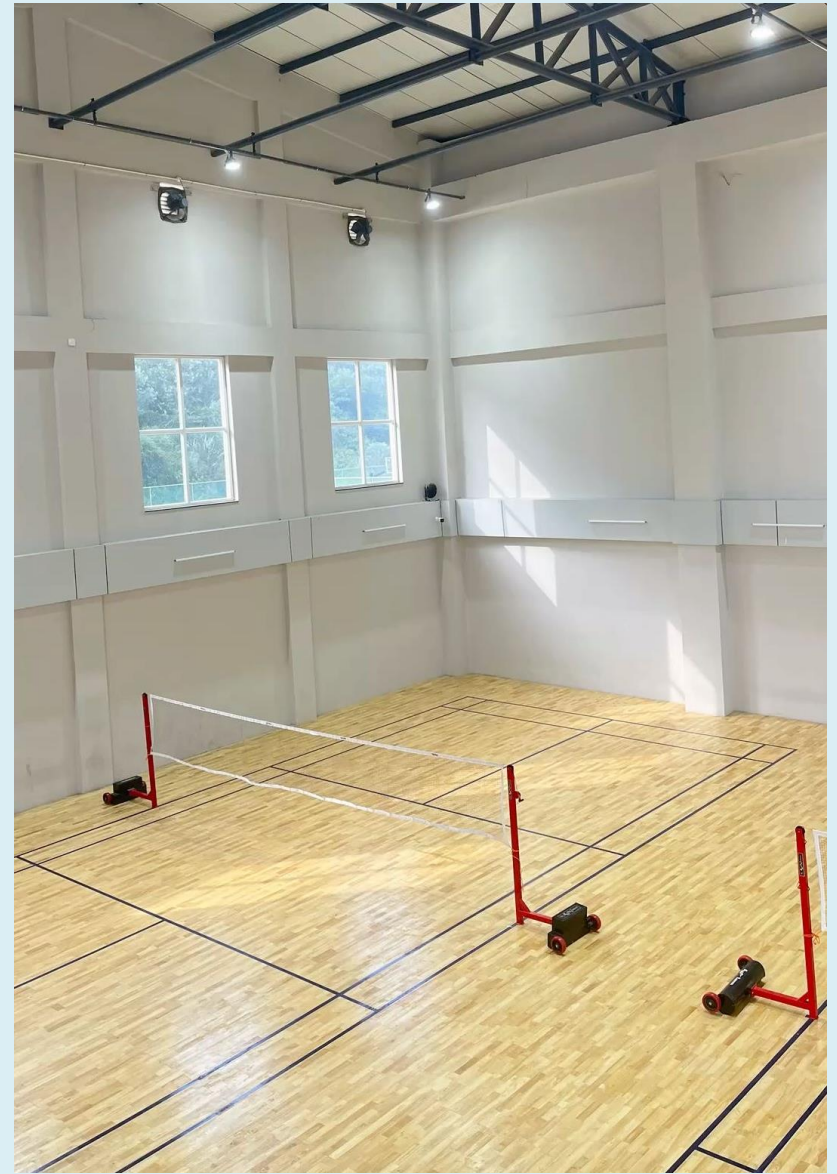
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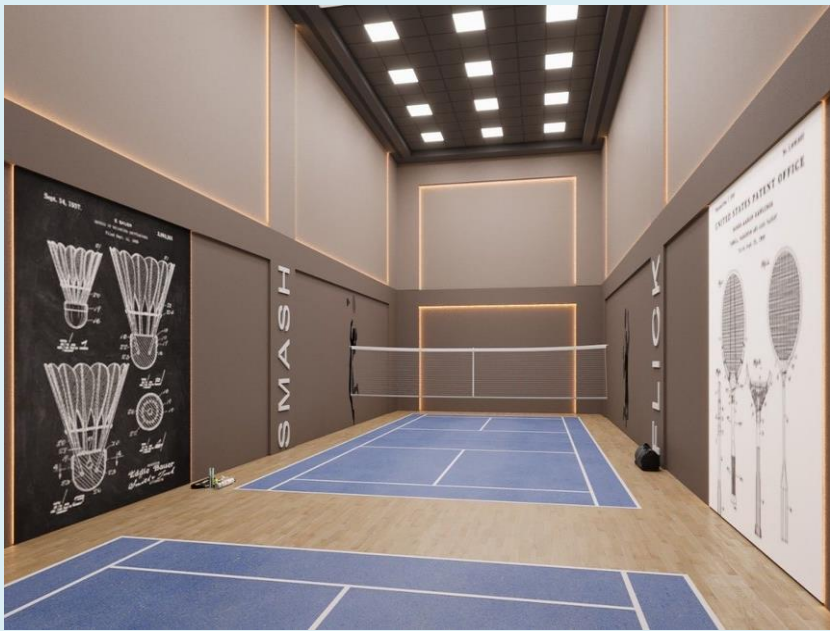
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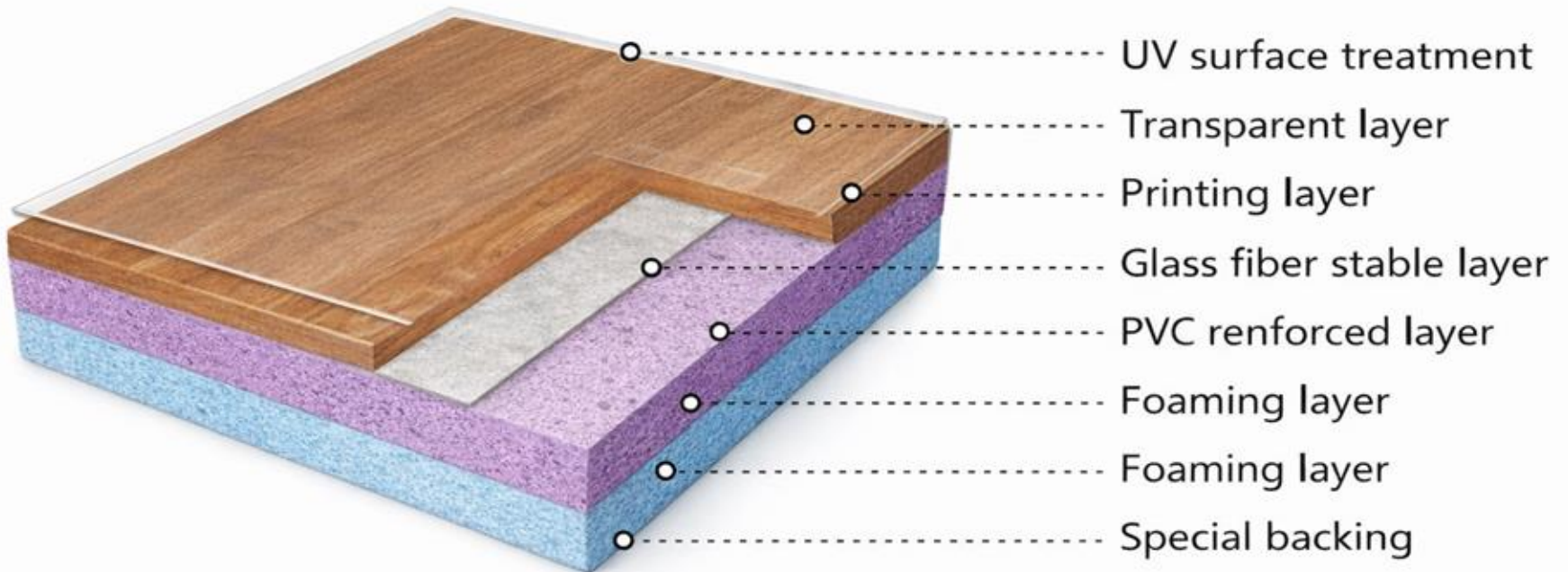
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Structure

6.5T



Product Data

Description			
Total Thickness	EN428	mm	6.5
Wear Layer Thickness	EN429	mm	0.8
Weight	EN430	g/m ²	4.48
Roll Width	EN426	m	1.8
Roll Length	EN426	m	20
Performances			
Impact Resistance	DIN 18032	N/M	≥ 8
Abrasion Resistance	mm	≤ 10	7
Indentation Resistance	EN1516	mm	≤ 0.6
Sound Insulation	EN ISO 717-2	dB	20–30
Ball Bounce	DIN 18032	%	≥ 98
Friction Coefficient	—	0.45 – 0.65	0.59
Rebound Coefficient	—	≥ 0.85	0.86
Chemical Detection			
Soluble Cadmium Limits	mg/m ²		0.03
Volatile Content	g/m ²		6
Vinyl Chloride Content	g/kg		0
Soluble Lead (Pb) Limit	mg/m ²		0.45

Product Advantage

Safe and comfortable

The surface of sports floor is moderate varicose and has airtight foam layer, which makes the users feel comfortable and keeps them safe.

Health and environment friendly

100% virgin material, the product can be recycled No DOP, no heavy metals, zero formaldehyde. Use antibacterial and antifungal treatment, inhibit mildew.

Good vibration absorption performance

According to the application requirements, can provide 10%–50% of the shock absorption for the long-term protection of user's joints and cartilage.

Equilibrium friction coefficient

Provide the best grip and sliding balance, ensure smooth movement, reduce the possibility of a strain and fracture.

Product Advantage

Excellent ball bounce performance

Meet the requirements of different ball games in entertainment and performance.

No Vibrations – Reduced Area Deflection

Sports Flooring

- Good energy recovery, absorb vibration.
- Effectively reduce the risk of injury
- Tremor buffer performance is good, will not cause muscle strain.

Suspended wood sports floor

- Good energy recovery, absorb vibration.
- More easily to be hurt
- Tremor area is large, may cause muscle strain.

Product Advantage

Excellent sound-absorbing performance

The sports floor with different thickness can absorb 17 – 25 dB of noise.

Extensive application of product

It can meet the requirements of various places such as for competition, training and leisure application.

It can be widely used in sports hall, kindergarten, gym, dance room and other places.

Durable function

Wear-resisting, size constant deformation and durable.

Ideal comprehensive function

Provide an ideal solution for the appearance and function of the stadiums.

Construction and Maintenance

PREPARATION BEFORE CONSTRUCTION

Unroll and lay the rolls flat for at least 24 hours prior to installation.

CONDITIONS REQUIRED FOR INSTALLATION

1. The minimum temperature of subfloor should be 10°C
2. The subfloor must be flat
3. The floor must be dry. The recommended relative humidity inside the room should be 50–60%
4. The subfloor must be free from marks (no felt pen, marker of any type, ballpoint pens, paint, etc.) that could cause discoloration due to migration
5. The temperature of the room should be maintained between 15°C and 28°C throughout the installation
6. The hardness of subfloor should 2:C20

Construction and Maintenance

LAYING DIRECTION

Plan the sheet direction for the area to be installed to ensure whenever possible that joints do not coincide with doorways, main traffic lanes, sinks or urinals. If the room is reasonably square, the sheets should run parallel to the incoming light. In long, narrow rooms it is best to install the sheets along the length of the room.

GLUING

Glue with an acrylic emulsion, apply 250 to 300 g/m² using a finely serrated trowel. After allowing an appropriate tack time, press manually using a piece of board with a rounded edge.

WELDING

Hot welding with a welding rod is recommended for rolls and for tiles. Do not weld until the adhesive has bonded completely (wait 24 to 48 hours).

Construction and Maintenance

MAINTENANCE AFTER INSTALLATION

1. For the first 24 hours after your new floor is installed protect all the seamed areas and don't walk on the seam sealer.
2. Keep the room at 20°C or greater for at least 2 days after installation to allow the adhesives to setup properly.
3. Do not roll heavy objects directly on to a newly installed vinyl floor for at least 5 days. This can cause the vinyl and adhesive to become compressed, once the adhesive sets up any compressed marks will become permanent. Always lay plywood or underlayment to disperse the weight of heavy objects being moved across your vinyl floor.
4. Allow 5 days before thoroughly washing your floor. This will give time for the adhesive to cure. Before placing chairs or furniture on your new vinyl floor check the condition of all casters or rollers before setting them on your floor. Replace any worn casters or rollers.

Construction and Maintenance

GENERAL VINYL FLOOR MAINTENANCE

1. Dust, sand and grit particles are the enemy. Sweep or vacuum frequently. Don't use a vacuum with a beater bar as it may scratch your floor. And don't use scrub brushes.
2. When sweeping or vacuuming does not remove the dirt, mop the floor with clean warm water. Rinse the floor thoroughly with fresh water.
3. If water alone does not clean the surface, use cleaning products recommended by the manufacturer. Most "no-rinse" cleaners will work just fine.
4. For spots or spills, wipe them up immediately and use the same technique on the spot as you would for the whole floor.
5. If your floor becomes dull looking you may need to add the manufacturer's recommended floor polish to restore the original gloss level. First, try cleaning with warm water and clear ammonia to see if there is a film on your floor causing the dullness.
6. Never use abrasive cleaners, soaps, paste waxes, or solvents on your vinyl floor.
7. Place non-staining, walk-off mats at every outside entry to your room. This will help keep sand and grit from being tracked on to your floor.



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