SPORTS FLOORING
PRODUCT PRESENTATION

www.topjoysports.com

Top-Joy International Trading(Shanghai)Co., Ltd.
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PROTECTION & PERFORMANCE & SAFETY

Welcome to Top-Joy Sports Flooring.

Top-Joy International Trading (Shanghai) Co., Ltd. is a pioneer in the Chinese industry for sports materials. It started as a small factory in 1992. Years of hands-on experience in the sports flooring market have refined our manufacturing techniques and expanded the market horizon.

We hold “Decorate Your Dreamland” as basic tenet and focus on promoting quality and customers satisfaction.

Only Top-Joy.
### Indoor Type Surface Specification

<table>
<thead>
<tr>
<th>Type</th>
<th>Surface</th>
<th>Specification (cm)</th>
<th>Thickness (mm)</th>
<th>Color</th>
<th>Application</th>
</tr>
</thead>
<tbody>
<tr>
<td>Indoor</td>
<td>Flat</td>
<td>25×25, 30×30, 30.48×30.48</td>
<td>12</td>
<td>Red, Blue, Green, Purple or customize</td>
<td>Futsal, Basketball, Tennis, Volleyball, Ping-pong, Badminton, Handball</td>
</tr>
</tbody>
</table>

### Outdoor Type Surface Specification

<table>
<thead>
<tr>
<th>Type</th>
<th>Surface</th>
<th>Specification (cm)</th>
<th>Thickness (mm)</th>
<th>Color</th>
<th>Application</th>
</tr>
</thead>
<tbody>
<tr>
<td>Outdoor</td>
<td>Diamond/Grid</td>
<td>25×25, 30×30, 33.33×33.33</td>
<td>12.7</td>
<td>Red, Blue, Green, Purple or customize</td>
<td>Futsal, Basketball, Tennis, Volleyball, Ping-pong, Badminton, Handball</td>
</tr>
<tr>
<td></td>
<td>Double Diamond</td>
<td>25×25, 30.48×30.48</td>
<td>15.8</td>
<td>Red, Blue, Green, Purple or customize</td>
<td>Futsal, Basketball, Tennis, Volleyball, Ping-pong, Badminton, Handball</td>
</tr>
</tbody>
</table>

### THREE FEATURES OF INTERLOCKING TILES:

1. **Material**: Polypropylene (PP)
   - a. Environmental material, waterproof, corrosion protection and long life.
   - b. Good bond force, moderate friction, excellent sports handling.
   - c. The material can be 100% recyclable.

2. **Suspended Structure**:
   - a. Supply vertical buffering power, Strong tolerance surface, better power distribution.
   - b. Drained, abstraction of heat, arch structure.

3. **Edging Buckle Design**:
   - a. Supply the excellent buffering power, reduce the injury of athletes.
   - b. Easy to install and remove, need no glue.
Application:
Applies to all indoor flat and level ground. Such as futal, basketball, badminton, kindergarten, tennis courts, volleyball etc.

Bottom Structure:
Cylindrical standing leg connecting by ribs form elastic supporting construction, providing good support and buffer.

Size: 25cm×25cm/ 30×30/ 30.48×30.48
Thickness: 1.3cm
Surface: Flat
Material: High-performance PP
Connection: Interlocking

Application:
Applies to all outdoor flat and level ground. Such as futal, basketball, badminton, kindergarten, etc.

Bottom Structure:
Cylindrical standing leg connecting by ribs form elastic supporting construction, providing good support and buffer.

Size: 25×25/ 30×30/ 33.33×33.33
Thickness: 1.27cm
Surface: Grid
Material: High-performance PP
Connection: Interlocking

Application:
Applies to all outdoor flat and level ground. Such as futal, basketball, badminton, kindergarten, etc.

Bottom Structure:
Cylindrical standing leg connecting by ribs form elastic supporting construction, providing good support and buffer.

Size: 25×25/ 30×30/ 33.33×33.33
Thickness: 1.27cm
Surface: Diamond
Material: High-performance PP
Connection: Interlocking

Application:
Applies to all outdoor flat and level ground. Such as futal, basketball, badminton, kindergarten, etc.

Bottom Structure:
Cylindrical standing leg connecting by ribs form elastic supporting construction, providing good support and buffer.

Size: 25×25/ 30.48×30.48
Thickness: 1.58cm
Surface: Double Diamond
Material: High-performance PP
Connection: Interlocking
BASIC REQUIREMENT OF CONSTRUCTION
The surface of ground should be flat (the gap under 3mm by measuring with ruler), firm (keep long service life without deformation), need no waterproof work, crack within 1cm is available.

INSTALLATION
Start from one side, install sole floor first, then install surrounding edge and corner. Floors are connected with each other by coupling pin and connecting hole. In order to make them combined with each other firmly, using rubber hammer to knock the seam.

THE MAINTENANCE OF INTERLOCK SPORTS COURT
1. Please don’t wear the nail shoes or high-heel shoe in order to protect athletes.
2. Please clean the snow timely after snowing in order to prolong the life of usage.
3. Please wash the flooring frequently to keep it clean.
4. Please don’t use hard tool with sharp tip knocking at the flooring vigorously in order to protect the floor board.
5. Don’t pour the corrosive liquids such as sulfuric acid and hydrochloric acetic onto flooring to avoid corroding the floorboard.
DRY SKIING

Compared with roller skating, dry skiing is a new entertainment. It’s played without snow, but makes you feel like having fun in the snow world. The playing skills and tools are almost same as skiing. It’s the best choice for the skiing fans who are in South area and all seasons are available.

Dry Skiing is a very popular outdoor sports since last century in Europe. Dry Skiing is not created for taking place of natural snow, but rather make up the disadvantages of natural snow. Dry Skiing Field can be constructed indoor and outdoor, also can be located in the city center to be an entertainment of the citizens.

There are a lot of advantages of dry skiing tile: Eco-friendly, high COF, safe, cold-resistant and heat-resistant. It’s a break through in skiing, and will have a bright future.
TOPJOY PVC Sports Flooring is good choice for all your sports flooring needs. The PVC Sports Flooring is easy to install and maintain, superior in anti-wear and anti-static, easy to clean and excellent decorative appearance, environment protect.

Surface structure:
Flat surface with gas holes, it is designed for grass maintenance without moving the whole carpet. With the advantages of easy installation, simple maintenance and multi-purpose usage, it is popular all over the world.

Bottom structure:
Cylindrical standing leg connecting by ribs form elastic supporting construction, providing good support and buffer.

**Size:**
- Big edge size: 30.48×6×1.8cm/pc
- Small edge size: 10.16×6×1.8cm/pc
- Corner: 30.48×10.16×1.8cm/pc

**Weight:**
110g/pc

Grass protective flooring (Pressure grass board)

Surface structure:
Flat surface with gas holes, it is designed for grass maintenance without moving the whole carpet. With the advantages of easy installation, simple maintenance and multi-purpose usage, it is popular all over the world.

Bottom structure:
Cylindrical standing leg connecting by ribs form elastic supporting construction, providing good support and buffer.
### Material Specifications

<table>
<thead>
<tr>
<th></th>
<th>Indoor</th>
<th>Outdoor</th>
<th>Swimming/ Water</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Material</strong></td>
<td>PVC/Vinyl</td>
<td>PVC</td>
<td>PVC</td>
</tr>
<tr>
<td><strong>Width</strong></td>
<td>1.5m, 1.8m</td>
<td>1.5m, 1.8m</td>
<td>1.5m</td>
</tr>
<tr>
<td><strong>Length</strong></td>
<td>15m, 18m or Customized</td>
<td>15m, 18m or Customized</td>
<td>10.0m</td>
</tr>
<tr>
<td><strong>Total Thickness</strong></td>
<td>3.5mm-8.0mm</td>
<td>3.5mm-6.0mm</td>
<td>3.0mm</td>
</tr>
<tr>
<td><strong>Surface</strong></td>
<td>Wood, Litchi, Woven, Embossed, Sand Pattern or Customized, UV</td>
<td>Diamond, Flat or Customized, UV</td>
<td>Spot, Granule, sparkle pattern or Customized, UV</td>
</tr>
<tr>
<td><strong>Application</strong></td>
<td>Basketball, Volleyball, Badminton, Gym, Dance room</td>
<td>Basketball, Volleyball, Badminton</td>
<td>Around the water pool, Swimming pool, Bathroom, Bath center</td>
</tr>
</tbody>
</table>

The Flooring behaves well in impact resistance, anti-skidding and shock absorption, which can effectively protect the security of the athletes. It is widely used for Basketball, Badminton, Ping-Pong, Volleyball, Handball playground, and Indoor 5 person soccer/futsal. It also fits for gyms, dancing rooms, relaxation rooms, kindergartens, swimming pools, and entertainment centers.

**NORMAL PATTERN**

- **C-04N13**
- **C-04N09**
- **C-04N11**
- **C-DX003BG**
- **C-DX003DB**
- **C-D8009**
- **C-D8007**
- **C-D8010**
- **C-DX003Y**
- **C-DX004G**
- **C-DX004R**
- **C-D8006**
- **C-DX001R**
- **C-DX005**
- **C-DX007R**
- **C-DX009B**
- **C-DX011B**
- **C-D8008**

☆ color can be customized

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**Wood pattern**

**Embossed pattern**

**Litchi pattern**
DETECTION AND TREATMENT BEFORE INSTALLING PVC FLOORING

1. Use the thermometer to measure the temperature, the advisable temperature for indoor and surface is 15 °C. Make sure the temperature not below 5 °C and not above 30 °C. The relative humidity of the air to construction should be between 20% to 75%.

2. Moisture content tester is used to detect the percentage of moisture in the subfloor, its moisture content should be less than 4%.

3. The strength of the subfloor should not less than the strength of concrete C20. Hardness tester is used to inspect at the subfloor level of the surface, its hardness should not less than 1.2 MPA.

4. In the range of 2 meters, subfloor flatness should be controlled less than 5mm.

5. Check the subfloor level surface with a small steel hammers, to see whether there is a visual basic level surface crack, if there is, you need to repair it by stainless steel to reinforce and adhesive, quartz sand on its surface.

The floor must meet the above requirements, and then you can take the next step of construction.

THE MAINTENANCE ABOUT PVC FLOORING

After the PVC flooring was installed, you also need to make a series of maintenance to keep its bright appearance and prolong the service time.

1. For the high traffic areas, you should shorten the maintenance period. At the same time, increase the frequency of adding high strength wax.

2. Avoid direct illumination of strong light, to prevent the floor from discoloration and fading.

3. Keep the surface of floor dry in time, after cleaning with water.

4. Remove all of ground stains promptly.

5. Absolutely forbid to use hard, rough, clean appliance (steel wire ball, microfiber cloth, etc.) to prevent the floor surface from being hurt by sharp objects.
PREFABRICATED RUBBER RUNNING TRACK

Top-Joy prefabricated rubber running track is designed to provide runners with the highest levels of surface performance for competition and cushion during training.

Top Color: Red/Blue/Grey/Green/Yellow
Base Color: Black/Gray/Red
Size: 1.22m x 15m
Thickness: 13mm (4mm+9mm)
9mm (3.5mm+5.5mm)
☆ Color can be customized

PREFABRICATED RUBBER FLOORING MAT

EPDM synthetic rubber is vulcanization of further strengthening of materials of polymer. Perfect performance for aging- and weather-resistant, electrical insulation, corrosion- and impact-resistnt.

Color: Red/Green/Blue/Purple
Gray/Black/Yellow
Size: 1.22m x 15m
Thickness: 9mm
☆ Color can be customized

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CONSTRUCTION METHOD OF PREFABRICATED RUBBER RUNNING TRACK

CONSTRUCTION PROCEDURES OF SURFACE LAYER OF RUBBER RUNNING TRACK

- Inspect and process the basic layer
- Knife coating by binder and binding by coiling material of rubber running track
- Repair the joint between the coiling materials of rubber running track
- Draw the line

CONSTRUCTION METHOD FOR SURFACE LAYER OF RUBBER:

Inspection and processing methods for basic layer:

A. The inspection method for the basic layer can refer to national standard.

B. There are strict requirements on flatness, strength and tightness of prefabricated rubber running track on the basic layer. When the basic layer reaches the technical requirements of rubber coiling material, you can do next; if the basic layer can’t reach the technical requirement, you can make relevant repair and process on the basic layer, so as to reach the technical requirement.

C. Introduction of common repairing methods for basic layer:
   - If the basic layer is cement concrete, please process it base on following construction process:
     - Shovel the loose or sand-returned basic layer, and repair it by the professional repairing material.
     - If there is a protruding part, please shovel it by a wind cannon machine and a cement grinding machine.
     - Clean the surface (including expansion joint) by besom and high-pressure water spray gun.
     - After drying naturally, pickle it by diluted hydrochloric acid (5%) and clean it by tap water.
     - After natural withering, repair the ponding place and fill in the expansion joint by using professional material.
     - Repeat the work of water test and filling till there is no obvious ponding phenomena in the field.

Remark:
Lay the plastic film as the water-resisting layer before construction, there will be foaming delamination between the coiling material and the basic layer.

C. If basic layer is asphalt, please process it base on the following construction process:
   - Clean the surface by besom and high pressure water spray gun.
   - Fill in the gap on the surface by the professional material.
   - Spray the field evenly by tap water, observe the drainage and ponding and mark it by color pens.
   - If there is a protruding part, please shovel it by a wind cannon machine and a cement grinding machine.
   - After natural withering, repair the ponding part.
   - Repeat the work of water test and filling till there is no obvious ponding phenomena in the field.

Remark:
If the softening point of the asphalt is unqualified, the processing method shall be developed based on the actual situation of the field.
Rubber Rolls
Widths: 1.20m~1.25m
Thickness: 3mm~12mm
Length: Roll length depends on thickness (Ex8mm=15m)
EPDM Granule: Single & Mixture
EPDM Content: 10%, 20%, 30%, 50%, 70%, 100%

Advantage
1. No-toxic, No-pollution, mould-proof
2. Water permeable
3. Anti-pressure, anti-shock, high friction ratio
4. Anti-slip, flexible, weather resistant
5. Easy to clean by water or detergent
6. Easy to install, can be paved with some glue

WHERE DO WE BEGIN?
Most of you have little experience in determining what kind of flooring system is best for you. We are here to help. List your priorities and answer these questions below, then you are well on your way to select the best flooring system for you.

A. CONSIDER THE CIRCUMSTANCES BELOW
1. Renting or owning?
2. New construction or renovation?
3. Long term or short term use?

B. FLOORING USE
1. What activity will take place on the floor?
2. Is the space under supervision while in use?
3. Will the space be occasionally used for other activities such as receptions?
4. Will equipment be used or placed on the floor?
5. How do I repair damaged areas without replacing the whole floor?

C. DEFINE THE SPACE
1. What kind of floor or slab is currently in the space?
2. What is the length and width of the space (in feet or meters)?
3. Are there any unusual structures in the space – columns, doors, jog in/outs, radiators, steps, windows equipment?

The nice finishes come in a variety of patterns that can be freely combined together. The construction is convenient.
Order samples

If you need some extra help to select the best color for your room, why not order some cutting samples? These are small samples designed to help you pick which product is suitable for you.

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