

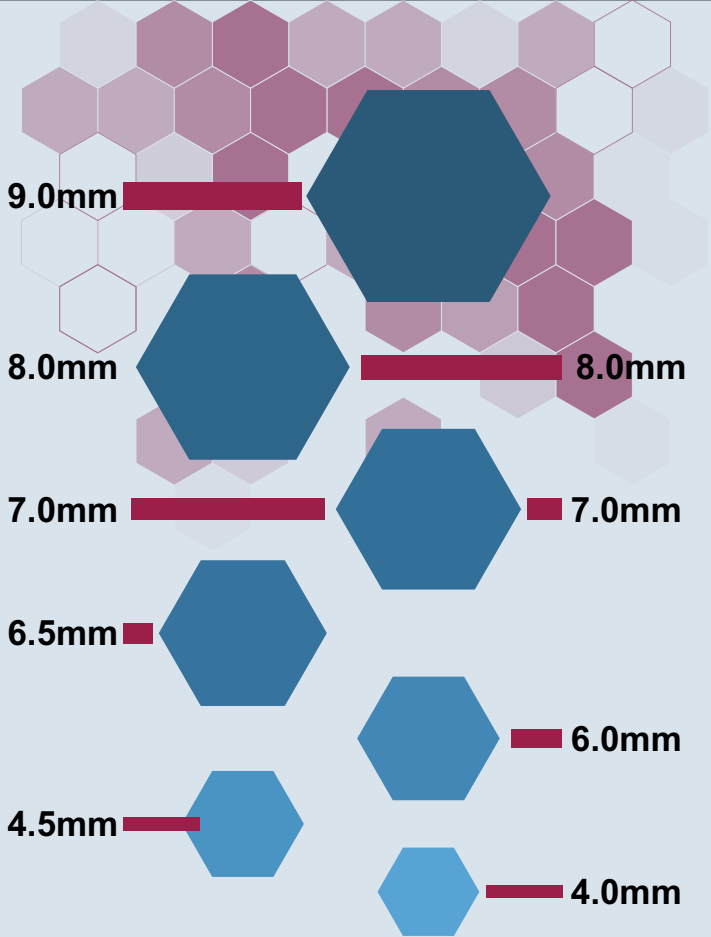
Play to win

Flooring guide

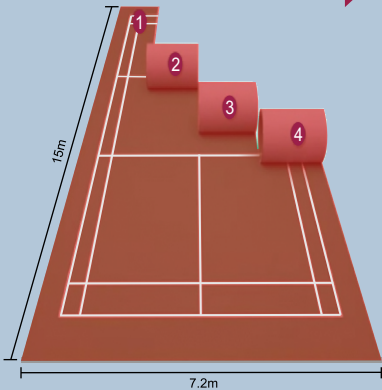
FLEXISPORTS



 **cflors**
The Flooring Solutions



ABOUT SPORTS FLOORING



25 colors

Available thickness include 4.0mm, 4.5mm, 6.0mm, 6.5mm, 7.0mm, 8.0mm, 9.0mm

Available wear layer thickness include 0.45mm, 0.6mm, 0.8mm and 1.0mm

Low foaming rate make the flooring with best shock absorption, which is higher than other brands based on same thickness. Brilliant vibration absorption to reduce sports injuries

Both **Professional** type and **Multi-purpose** type available, suitable in different and wide sports applications

The damp proof hexagon design of backing with strong grip force prevent the flooring moving in daily use. Suitable for removable courts.





Multi-sports
& multi-use
comfort &
performance



4.0 mm

Traffic areas; corridors, lockers*
entrance halls, meeting rooms,
cardio (bikes, treadmill, rowing
machines, etc)

4.5 mm

Fitness, wellness centres,
boxing, etc.

6.0 mm

Fitness, wellness centres,
yoga, tai chi, aerobics, boxing,
rehabilitation centres, etc



Bfl-s1



*without direct access to wetrooms



6.5 mm

Multi-sports; basketball, volley-ball, handball, medminton futsal and non sporting events.

7.0 mm

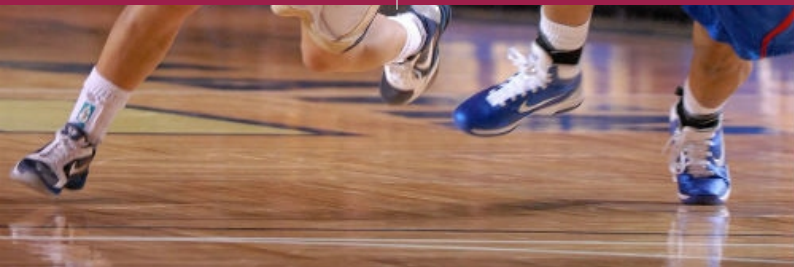
Multi-sports; basketball volley-ball, handball, medminto futsal and individual

8.0 mm

Multi-sports; basketball volley-ball, handball, medminto futsal and individual tai chi etc

9.0 mm

City sportshalls with Multi-sports usages; basketball (up to competition leve volley-ball, handball, etc

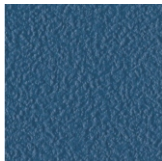




FS 48 02



FS 88 755



FS 18 03



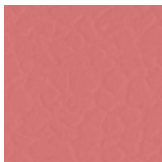
FS 48 03



FS 88 202



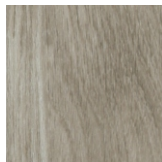
FS 88 201



FS 88 203



FS 88 101



FS 688 12W



FS 18 02

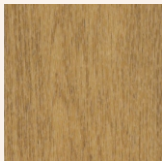




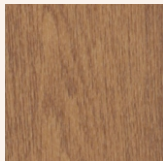
FS 688 13W



FS 688 19W



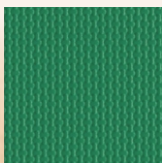
FS 688 10W



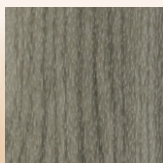
FS 688 11W



FS 18 01

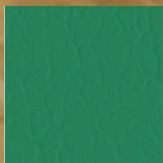


FS 28 02

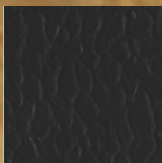


FS 688 14W





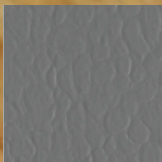
FS 88 403



FS 88 601



FS 88 401



FS 88 604



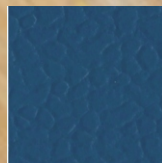
FS 88 304



FS 88 501



FS 88 303



FS 88 301



SPORTS INDOOR is registered in Canada, and managed by European technicians. We specializing in the production of vinyl flooring materials include homogeneous flooring, heterogeneous flooring, ESD flooring, sports flooring and different type of vinyl tiles, They have been widely used in areas such as Transport, Education, Healthcare, Commercial Buildings, Offices, Residences, Sports and other areas.

Products of high quality and fashionable, widely used in a variety of architecture, not only has the broad masses of the domestic market, but also been distributed to over 30 countries.

Our advanced machineries were imported from German and Japan. At the same time, over 500 legal staffs insist on providing dedicated international standard support with assistance on logistics, dedicated packaging and quality control for global customers. Till now, our monthly capacity can achieve 6,000,000 square meters.



Installation Instruction

Requirement of sub-floor

Please clarify the sub-floor making sure the removal of any adhesive, paint, plaster etc.

Humidity in the slab < 5% with the control Carbide Moisture.

Tolerance of level differences is within 3mm which measured by a meter ruler.

Sand all the sub-floor, with a 60Grit disc in order to eliminate any residual contamination ie adhesive, paint etc.

The sub-floor must be do waterproof, especially concrete, strongly recommend do self leveling. If it is a new built venue, or new doing self leveling treatment, then the installation only be done after the ground dry to acceptable moisture. For new built venue, the ground should wait at least 3months before installation.

All ground should be level, dry, no cracks, no sands and dust, including concrete, ceramic tiles, wood floor...IF there is cracks or not level, then must fill and level up by gypsum powder or putty powder.

Preparation of Materials

Venue temperature and all installation should be done under minimum 15 centigrade, maximum 30 centigrade.

Unroll and lay out the rolls for 24 hours along the length of the sports hall or in accordance with a floor plan before installation, let the flooring assimilate the room's temperature and humidity and keeping them in order as the label pasted on the rolls, and leave a gap(1cm) between each rolls.(caution: the lengths should be unrolled starting in the center of the sports hall)

Using a flooring roller will make the material easier to install prior to bonding or gluing.

Adhesive: Before use the adhesive should be kept 24hours at the temperature of the room.

Sticking down

When applying the adhesive, fold the lengths back halfway along the longitudinal axis. Making sure not crease the roll. Start spreading the adhesive from the center of the hall/room: glue 3 or 4 half-rolls at a time. When the glue or adhesives are almost near to dry (about 15-20 minutes after spreading), then roll lengths back to the original position.

Repeat the process on the opposite halves. Make sure all lengths edge to edge without leaving a gap and continue in the same way finishing up at walls.

Using a wood board to press and pushing the flooring surface to make sure there is no bubble or air between the ground and floor whilst applying the lengths.

Rolling with a flooring roller several times after sticking down the lengths apart from the transverse, this waiting 1 hour at least after application.

Recommendations for good adhesion:

Respect the waiting time which depends on the temperature, ambient hydrometry, porosity of the adhesive coverage. If the flooring is applied to adhesive with insufficient waiting time, it will bubble. If the flooring is applied to adhesive which has gone past its open time, there will be insufficient adhesive transfer to the underside of the floor finish.

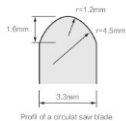
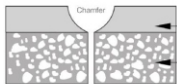
Cautions:

For normal walking traffic, commissioning occurs at least 24 hours after complete installation including game lines. Forbid any trafficking for 72 hours after laying as well as any furniture movement. Follow carefully the recommendations of the adhesive manufacturer.

Hot welding (12 hours after sticking down)

Grooving:

Should be test grooving and welding on one small piece of flooring firstly. Make sure the grooving depth is about 1/2 thickness (at least 1/3) of flooring, grooving the same width on both edges of two rolls.



Welding:

Making sure the temperature is set to 8.5-9.5 making, almost reach 850-900 degree centigrade. Then pull the welding gun to welding the rod with flooring together.

Trimming welding rod:

Using the moon blade knife cut the ledge of welding rod to make sure the flooring surface smooth. This must be done when the rod is cold.

Cleaning work

Using a damp mop to clean the flooring, confirm there is no water left on the surface.

MAINTENANCE INSTRUCTION

- ※ Clean the flooring regularly, as this is more cost-effective and hygienic than occasional heavy-duty cleaning.
- ※ Always follow dosage instructions carefully.
- ※ Wipe up any grease and spill oil immediately, as they may damage the surface.
- ※ Resilient floors are damaged by solvents.
- ※ Black rubber wheels and rubber feet can discolor the flooring. All chair and table legs should have good quality floor protectors. Felt pads are not recommended in commercial interiors. Hard plastic is preferred.
- ※ Remember that light colors need more frequent cleaning.

INITIAL CONSTRUCTION CLEAN

An initial site cleaning is always carried out before using new flooring. Always protect the floor with hardboard or similar during the construction period.

- ※ Remove all loose debris.
- ※ Ensure that all traces of adhesive are removed from the surface of the flooring.
- ※ Mop sweep or vacuum to remove dust and grit.
- ※ Damp mop with a neutral detergent.
- ※ If required, dry buff with a 1000 rpm plus rotary machine fitted with a suitable clean pad.

PREVENTIVE CARE - ENTRANCE MAT

- ※ About 80% of surface soiling that has to be cleaned off is brought in from outside.
- ※ And 90% of that soiling can be avoided using an effective and correctly dimensioned entrance mat.
- ※ The less dirt that comes in through the entrance, the lower the maintenance requirements
- ※ Rubber leaves indelible stains on vinyl floorings; do not use mats with rubber backing and replace tubular furniture feet with those made of PVC or Polyamide.

ROUTINE MAINTENANCE < Warning : Always follow dosage instructions carefully >

Daily

- ※ Mop sweep or vacuum to remove dust and loose dirt.
- ※ If required, spot mop to remove stubborn marks, with a neutral cleanser.







Weekly

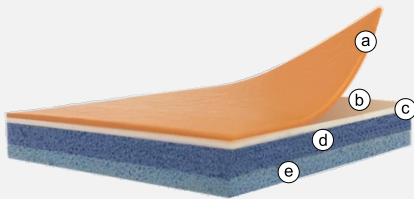
- ※ Assess the appearance of the floor. Undertake the following as required.
- ※ Light scuffing – dry buff with a 1000 rpm plus rotary machine fitted with a suitable clean pad

Periodically

- ※ Assess the appearance of the floor. If the floor has dirt build-up, machine scrub with a scrubber dryer (approx. 165rpm) fitted with a suitable clean pad, using a neutral or alkaline detergent, as appropriate.
- ※ Rinse thoroughly and allow to dry.
- ※ Dry buff to restore finish.



	Total Thickness EN 428	4.0mm	4.5mm	6.0mm	6.5mm	7.0mm	8.0mm	9.0mm
	Wear Layer Thickness EN 429	0.45mm	0.6mm	0.6mm	0.6mm	0.8mm	0.8mm	0.8mm
	Roll Width EN 426	1.8m	1.8m	1.8m	1.8m	1.8m	1.8m	1.8m
	Roll Length EN 427	15m	15m	15m	15m	15m	15m	15m
	Abrasion Resistance EN ISO 5470-1	≤350mg	≤350mg	≤350mg	≤350mg	≤350mg	≤350mg	≤350mg
	Fire Rating EN 13501	Bfl-s1	Bfl-s1	Bfl-s1	Bfl-s1	Bfl-s1	Bfl-s1	Bfl-s1
	Impact Resistance EN 1517	≥8N/m	≥8N/m	≥8N/m	≥8N/m	≥8N/m	≥8N/m	≥8N/m
	Residual Indentation EN 433	≤0.6mm	≤0.5mm	≤0.5mm	≤0.5mm	≤0.5mm	≤0.5mm	≤0.5mm
	Sound Reduciton EN ISO 717-2	20~30dB	20~30dB	20~30dB	20~30dB	20~30dB	20~30dB	20~30dB
	Friction Coefficient DIN 18032	0.45~0.65	0.45~0.65	0.45~0.65	0.45~0.65	0.45~0.65	0.45~0.65	0.45~0.65
	Ball Bounce EN 12235	≥90%	≥90%	≥90%	≥90%	≥90%	≥90%	≥90%
	Sliding Coefficient EN 13036-4	80~110	80~110	80~110	80~110	80~110	80~110	80~110
	Vertical Deformation EN 14309	≤2mm	≤2mm	≤2mm	≤2mm	≤2mm	≤2mm	≤2mm
	Shock Absorption EN 14308	≥20%	≥25%	≥25%	≥25%	≥25%	≥35%	≥35%



- a** Anti-scratch pure PVC wear layer
- b** High-density white color stable layer
- c** Fiber-glass layer
- d** Low foaming rate buffer layer
- e** Hexagon designed backing layer

email: info@cflors.com