



The only producer to offer everything
SINGLE HANDED

TENNIS HALL FLOOR COVERINGS

Production and laying

Generation 2015 from SCHÖPP-SPORTBODEN GmbH

For almost 20 years now, the Schöpp-Sportboden GmbH has been dominating Europe-wide the development of textile coverings! Granulate filled loop carpets (Slide and Winner), our dust-free extruder granulate (Perfect Glide) and the recyclable and very comfortable polymer backings have revolutionized the market and cannot be offered by any other producer.

Thus, more than 200 courts per year are being installed all over Europe by us and our partners.

The Construction formula for the generation 2015:

A rough and firm carpet surface, combined with a comfortable backing

The **rough and firm surface** is responsible for a clean and high ball bounce – possible construction features are:

- A concise surface structure
- A high beat-up – up to 300.000 nops/ m²
- A coarse yarn –up to 200 dtex/filament

Only an elastic backing offers lasting comfort of move!

For an elastic backing, we have been employing high quality polyester non-woven for some 15 years already. This backing technology has continuously been developed further and, as being free of filling materials, combines today recyclability with high comfort and excellent ball bounce properties.

Polymer backing - a prospective back-coating technology

In the case of classic latex back-coatings, the fixation of pile and backing is achieved by means of a strongly cretaceous latex dispersion. Instead, in the case of polymer backings, a far better fixation can be achieved by means of a hot melt polymer at a clearly lower consumption of energy. The carpet is free of fillers und therefore about 40% lighter than a normal carpet.

This floor covering only consists of plastic polymers and can be fed into a high value recycling process after use:

- Sustainability of the crude oil based polyamide raw material
- Excellent fixation of the pile and edge retention, improving the durability of the tennis carpet





SCHÖPP® - ProBounce

In the year 1978, the first tennis velour carpets were laid in Germany. The most successful producers were the company Pegulan with their quality "Finale" and the Ralph Schöpp KG with their "Dom Sport Velour".

Both coverings were equipped with an elastic backing and have been installed all together on at least 5.000 courts. The pile weight was 700 g/ m² and the fineness of filament 40 dtex.

Due to the development of rackets, the tennis play changed. Today's light rackets enable even hobby players to really speed up the ball. As a consequence, tennis coverings had to adapt to the changed requirements and the very fast classic tennis velour almost disappeared from the market.

Today, any tennis covering has to decelerate the ball and make it bounce higher.

This is only possible with a coarse and rough surface!

The coarse yarn velour offers completely new possibilities:

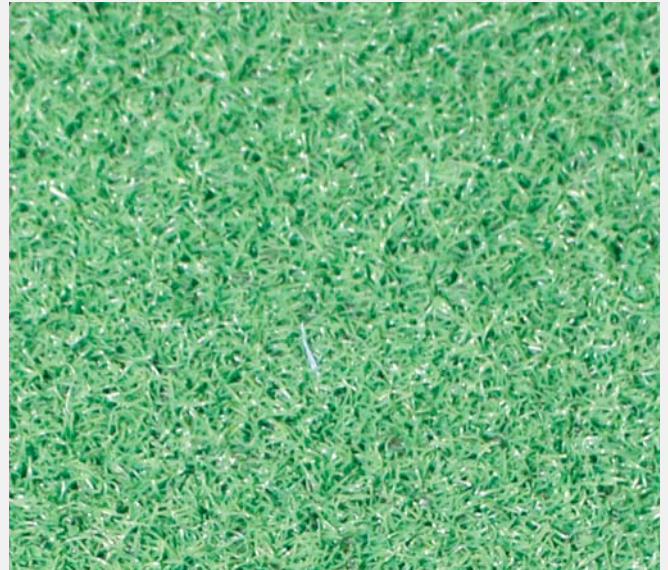
- elegant, unstructured surface
- perfect and high ball bounce
- genuine response to slice and top spin
- standard version with properties like professional surfaces
- comfort version, in addition, protecting the articulation

SCHÖPP®- ProBounce Comfort

The Comfort version of the ProBounce is also apt for hobby players. This construction combines a perfect ball bounce and a good comfort of move.

SCHÖPP®- ProBounce Standard

The standard version with its classic latex action-back is suitable for proficiency players. More than any other textile flooring, it responds in a very genuine way to slice and top spin shots.



SCHÖPP®- ProBounce Comfort



Standard
Latex action back



Comfort
elastic polymer
backing

SCHÖPP®- Allround

Since 1994, the structured velour, Allround, has been laid on some 1.700 courts. It can be played with or without our Perfect-Glide micro-granulate and as a rule with non-profiled tennis shoes. From 1994 to 1998, this carpet was produced with a pile weight of 750 g/m², later on the pile weight was increased to 1.000 g/ m².

With the generation 2015, the pile weight is now being increased to 1.250 g/ m², thus rendering the surface even more compact and long-lived. It is important to point out that the higher pile weight increases the density to 300.000 nops/ m² and not so much the pile height, because this would impair the ball bounce.

A high pile weight can by no means replace an elastic backing – there is no gain of comfort!

SCHÖPP®- Allround *Comfort*

The comfort version offers an elastic polymer backing in addition to the dense and high-quality carpet surface.

This product is shock absorbing, sparing the articulation and at the same time, it shows excellent ball bounce properties – go and play on it for a test!

SCHÖPP®- Allround *Standard*

The standard version with its classic latex action back offers the lowest costs of investment. We are talking about a dense and high-quality flooring for competitive players, while comfort of move and protection of the articulation is not its main item.



SCHÖPP®- Allround



Standard Latex action back



Comfort elastic polymer backing



SCHÖPP®- Winner

In the year 1999, Schöpp-Sportboden GmbH introduced the first textile tennis flooring with a loop structure, named "Slide", an absolute innovation. The revolutionary advantage of this product generation was, that the bigger amount of granulate, necessary when playing with profiled shoes, was much better retained in its concise structure than in the weakly structured velour qualities, known so far. Thanks also to our dust- and odor free Perfect Glide micro granulate, this clean granulate carpet offers also big advantages in comparison to the rather uncomfortable and dusty needle felt carpets, filled with ordinary rubber granulate. Only a concise structure without velour zones warrants regular sliding properties when playing with profiled shoes!



For the generation 2015, we have further developed the structure of our loop carpet. The new fishbone structure of our "Winner" is even a little rougher, in order to retain granulate best possible and to get even closer to clay-like ball bounce properties. After having laid some 800 Slide courts, a pile weight of 1.000 g/ m² and 256.000 nops/ m², shows to be ideal and when filled with about 300 g/m² of our Perfect Glide granulate, the Winner represents an extremely high-quality tuft construction with outstanding sliding properties.



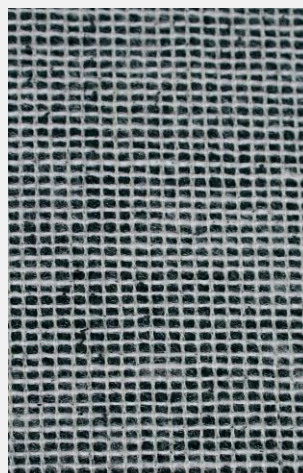
SCHÖPP®- Winner Comfort

Our elastic polymer backing supports the articulation and ligament sparing properties of the SCHÖPP® - Winner.

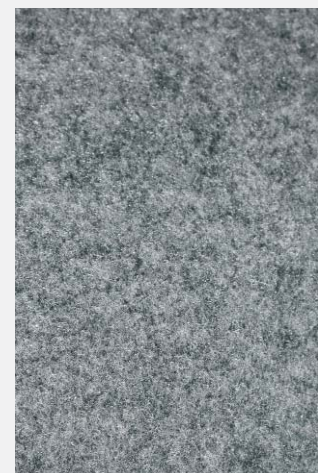
SCHÖPP®- Winner Comfort

SCHÖPP®- Winner Standard

In this more sporting version with a classic latex action back, the Winner excels at the same time with its sport functional properties and its favorable price.



Standard
Latex action back



Comfort
elastic polymer
backing

Tennis hall accessories

Ball stop curtains – matching in colour, make even old tennis halls appear in a new look



Since 1999, also ball stop curtains have been manufactured in our plant in matching colours, giving a new look even to an old tennis hall. The curtains are produced individually in our plant from high quality material (TREVIRA CS – fire classification B1). They are suspended with clippers on a steel cable. Besides their functionality and pleasant appearance, they also offer advantages as to acoustic- and heat insulation.

If preferred, it is also possible to provide awnings without pleats.

Equipments and maintenance

Apart from the matching ball stop curtains, we shall gladly furnish further equipments in the context of your tennis hall renovation, as there are separating nets, play nets, benches, umpire chairs, protective cover carpets and maintenance devices. Both, regular maintenance and appropriate use are of decisive importance for the durability of your new tennis carpet.

Tennis granulate Perfect Glide - the revolutionary development



Unlike other granulates, Perfect Glide is not ground from a rubber block, but spun into filaments through an extruding machine and then cut into defined pieces in a cold bath. This production method allows producing a fine and dust free micro-granulate in an optimized lense shape.

The advantageous properties of our Perfect Glide are convincing:

- dustfree and odourless
- excellent sliding with small quantities of granulate
- no pollution of clothings and social rooms
- little maintenance work



Tennis hall floor coverings



	Schöpp®-ProBounce		Schöpp®-Allround		Schöpp®-Winner	
	Standard	Comfort	Standard	Comfort	Standard	Comfort
Type of Covering	Coarse yarn velour		Structured velour		Structure loop Granulate covering	
Backing	Action back	elastic non-woven	Action back	elastic non-woven	Action back	elastic non-woven
Lines	white, inserted of same material					
Granulate PG	ohne		optional 150 g/qm		300 g/qm	
Tennis shoes	Non-profiled shoes recommended				Profiled shoes	
Pile material	100 % polyamid - 3200 dtex with 16 filaments		100 % polyamid - 2700 dtex with 16 filaments			
Pile weight	750 g/qm		1.250 g/qm		1.000 g/qm	
Nops	160.000 N/qm		300.000 N/qm		256.000 N/qm	
Pile height	4,0 mm		6,0 mm		5,0 mm	
Total height	6,0 mm	8,0 mm	8,0 mm	10,0 mm	7,0 mm	9,0 mm
Width of material	370 cm – i.e. no cut in the middle of court, being the most strained area!!!					
Colours	Bi-coloured on choice					

Advantage of the carpet width of 370 cm

With this width, three lines of carpet form the width of the court of 10.97 m. This way, there are two cutting edges within the court and also behind the base line, which however do not lie in the most strained area, which is the middle of the court! This way, the cuttings are less strained as with a width of 408 cm, where the cutting is exactly in the middle of the most strained area. Important: The total length of the cuttings is not the crucial point, since 150 running meters of lines alone mean 300 running meters of cuttings – one cutting more in a less strained area does not at all mean a significant disadvantage!



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