



**DOE TROJAN** is a fully sanded 15mm straight dense pile polypropylene grass tennis carpet installed exclusively by Doe in the UK. It provides a durable, medium paced tennis surface and, with simple routine care, can be maintained in good playing condition through many years of intensive use.



## PERFORMANCE

With its medium playing pace and medium bounce, **DOE TROJAN 15** is a very popular choice with schools and clubs as well as an excellent surface for private tennis courts. This carpet was developed in the mid 1990s in response to The LTA's call for medium pace surfaces which would develop 'all round court play' rather than the serve and volley game normally seen on faster surfaces such as our **DOE CASOLON** carpet or on natural grass courts.

**TROJAN 15** is laid on a pervious asphalt (macadam) base over a free draining stone foundation such as our **DOE VICEROY** or **VISCOUNT** courts. Optimum playing characteristics are normally achieved some 2-3 months after installation and continue to improve during the first year. The combination of **TROJAN's** pervious straight pile carpet and sand infill gives good porosity allowing quick resumption of play after normal rainfall.

**DOE TROJAN 15** is manufactured from straight polypropylene yarn. It was purposely designed with a 'mid-point' stitch rate (higher than our faster long pile **CASOLON** and lower than the shorter, very dense pile **OLYMPUS**) to allow sufficient room within the carpet pile for adequate sand infill to meet the required medium pace and ball bounce performance criteria.

In common with all types of tennis carpet, **TROJAN 15** requires regular, routine maintenance to retain its good playing characteristics and prevent premature pile deflection and compaction. This is not onerous provided it is carried out regularly from the start and it will safeguard your investment.

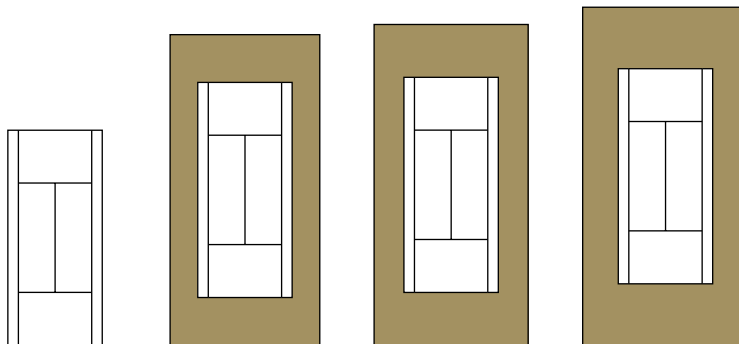
The close-up photo shows the carpet fully sanded just after installation and before playing in.

## TROJAN Carpet



Criteria	Results	
<b>Surface Pace</b>	dry	wet
<29 Slow		
30-34 Medium/Slow		
35-39 Medium	38	
40-44 Medium/Fast	42	
>45 Fast		
<b>Slip Resistance</b>		
0 Very Slippery		
60-100 Preferred Range	72	75
140 Very High Grip		
<b>Traction</b>		
0.60-1.50 (preferred range)	0.65	0.63
<b>Shock Absorption Percentage</b>		
0-10 Low	9	9
20-35 Moderate		
50-100 High		
<b>Relative Rebound Percentage</b>		
80-100 Low	91	90.5

## COURT SIZES



Overall enclosure  
for one court:

### Playing Area

23.77m x 10.97m  
(78' x 36')

### Residential Courts Normal Minimum

33.53m x 16.46m  
(110' x 54')

### LTA Recommended Minimum Size

34.75m x 17.07m  
(114' x 56')

### LTA Recommended Full Size

36.58m x 18.29m  
(120' x 60')

The information contained in this leaflet may be subject to alteration without notice.

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