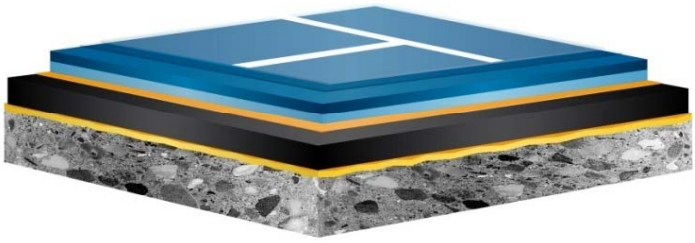
PORPLASTIC*TENNIS comfort eco*

Tennis court flooring system for indoor and outdoor
point-elastic according to EN 14904, ITF approved

SYSTEM LAYERS

- **line paint:**
  PORPLASTIC X995 SR
- **structured top finish,** coloured, mat
  PORPLASTIC S685 SR
- **pore sealer**
  PORPLASTIC L375
- **PORPLASTIC basic mat**
  adhesive PORPLASTIC B976
- **primer (only for concrete)**
  VIASOL EP-P210
- **sub base:** concrete or asphalt



SYSTEM DESCRIPTION

- total system thickness 4+1 (4mm mat + 1mm coating)
- point-elastic according to EN 14904 and DIN V18032-2
- impermeable
- ITF approved
- formaldehyde-free, pentachlorophenol-free
- permanent elasticity
- good scratch and abrasion resistance
- for INDOOR and OUTDOOR
- available in many colours
- easy to clean

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CONSUMPTION AND APPLICATION

layer	product	consumption (kg/m²)	thickness (mm)	application
line paint (structured)	PORPLASTIC X995 SR	20 – 30 g per running meter	0.1 – 0.2	roller or brush
structured top finish	PORPLASTIC S685 SR	3 layers: 900 g	0.3 0.5	rubber squeegee
pore sealer	PORPLASTIC L375	ca. 0.6	0.1 – 0.2	rubber squeegee or metal trowel
prefabricated mat with adhesive	PORPLASTIC***basic*** mat PORPLASTIC B976	--- ca. 0.8	4 – 10	cut and embed in fresh adhesive notched trowel
primer	VIASOL EP-P210	ca. 0.4	ca. 0.2	roller or rubber squeegee
substrate	Cementitious substrates according to standards, load bearing, no cracks/voids, pull-off strength ≥ 1.0 N/mm² (EN ISO 4624), residual moisture < 6 %CM.			

FIELDS OF APPLICATION

- Tennis courts indoor
- Tennis courts outdoor

TECHNICAL DATA

property	thickness	DIN V 18032-2	EN 14904	required
Shock absorption	4+1	17 %	15 %	
Vertical deformation	4+1	0.7 mm	0.7 mm	DIN: <3.5 mm (Cat1) < 3.0 mm (Cat2) EN: ≤ 5 mm
Impact resistance	all	10 -14 Nm	9 – 13 Nm	> 8 Nm
Resistance to rolling load	all	1000 N	1500 N	DIN: 1000 N EN: 1500 N
Vertical ball behaviour	all	97-98 %	96 %	> 90 %
angular ball reflexion	all	Cat 2 medium-slow		ITF
Resistance to indentation [mm]	all	0.25-0.35	0.27-0.38	≤ 0.5 mm
VOC emission	all	fulfills AgBB requirements of German DIBT		
emission of formaldehyde	all	no formaldehyde, class E1		

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