







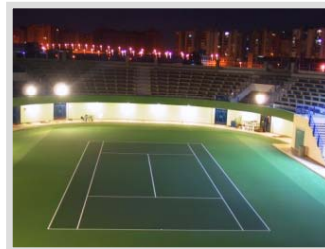
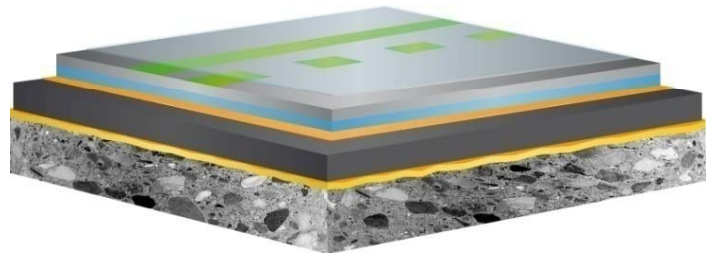


PORPLASTIC *TENNIS comfort*

Tennis court flooring system for indoor and outdoor
point-elastic according to DIN V 18032-2 and EN 14904, ITF approved

SYSTEM LAYERS

-  **line paint:**
PORPLASTIC X995 N
-  **structured sealing, coloured, mat**
PORPLASTIC S685 SR
-  **top-coating, solvent free**
PORPLASTIC C524 / C523
-  **intermediate layer (optional)**
PORPLASTIC C524 / C523
-  **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+2 to 9+2 mm
(4 - 9 mm mat + 2 mm coating)
- point-elastic according to DIN V 18032-2
and EN 14904
- 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/m ²)	thickness (mm)	application
Line paint	PORPLASTIC X995 N	10 – 15 g per running meter	0.1 – 0.2	roller or brush
Structured sealing	PORPLASTIC S685 SR	0.1 – 0.2 per layer	0.3 – 0.4	rubber squeegee or roller
Top-coating	PORPLASTIC C524 / PORPLASTIC C523	appr. 2.0	1.6-1.7	notched squeegee
Intermediate layer (optional)	PORPLASTIC C524 / PORPLASTIC C523	0.4 – 0.8	ca. 0.5	notched squeegee
Pore sealer	PORPLASTIC L375	ca. 0.8	0.1 – 0.2	rubber squeegee or metal trowel
Prefabricated mat with adhesive	PORPLASTIC <i>basic</i> mat	---	4 – 10	cut and embed in fresh adhesive
	PORPLASTIC B976	ca. 0.8		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/mm ² (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+2	17 %	15 %	DIN: $\geq 51\%$ (Cat1) $\geq 45\%$ (Cat2)
	6+2	23 %	21 %	
	7+2	25 %	23 %	EN: 25 - 75 %
	9+2	30 %	28 %	
Vertical deformation	4+2	0.7 mm	0.7 mm	DIN: <3.5 mm (Cat1) < 3.0 mm (Cat2)
	6+2	0.9 mm	0.8 mm	
	7+2	1.0 mm	0.9 mm	EN: ≤ 5 mm
	9+2	1.1 mm	1.0 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	43 medium fast		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		

Remark: for further information please refer to the product data sheets or contact our technical service. All data are approximate values. Therefore no liability claims can be derived from the system data sheet. As all PORPLASTIC data sheets are updated on a regular basis it is the users responsibility to obtain the most recent issue (see www.porplastic.com or contact us directly). Date of issue: Oct. 2015 – all technical information is subject to change without prior notice