









PORPLASTIC *TENNIS comfort*

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

SYSTEM LAYERS

-  **line paint:**
PORPLASTIC X8085 SR
-  **structured top finish, coloured, mat**
PORPLASTIC S6085 SR
-  **self levelling layer, solvent free**
PORPLASTIC C524 / C523 / C522
-  **scratch layer (optional)**
PORPLASTIC C524 / C523 / C522
-  **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 (EN 14904 and DIN V18032-2)
- impermeable
- formaldehyde-free, pentachlorophenol-free
- permanent elasticity
- good scratch and abrasion resistance
- for INDOOR and OUTDOOR
- available in many colours
- easy to clean
- ITF classified court pace: category 3 - medium

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CONSUMPTION AND APPLICATION

layer	product	consumption (g/m ²)	thickness (mm)	application
line paint (structured)	PORPLASTIC X8085 SR	20 – 30 g per running meter	0.1 – 0.2	roller or brush
top finish (structured)	PORPLASTIC S6085 SR	2 layers 540g 3 layers: 900 g	0.3 0.5	rubber squeegee
self-levelling layer	PORPLASTIC C524 / C523 / C522	appr. 2000	1.5	notched squeegee
scratch layer (optional)	PORPLASTIC C524 / C523 / C522	200 – 400	ca. 0.2	notched squeegee
pore sealer	PORPLASTIC L375	ca. 600	0.1 – 0.2	rubber squeegee or metal trowel
prefabricated mat + adhesive	PORPLASTIC <i>basic</i> mat	---	4 – 10	cut and embed in fresh adhesive notched trowel
	PORPLASTIC B976	ca. 800		
primer (only for concrete)	VIASOL EP-P210 +	ca. 400	ca. 0.2	roller or rubber squeegee
	GEBA Sand			
substrate	Asphalt or cementitious substrates according to standards, load bearing, no cracks/voids, pull-off strength ≥ 1.0 N/mm ² (EN ISO 4624), residual moisture (concrete) < 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 %
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: September 2020 – all technical information is subject to change without prior notice