








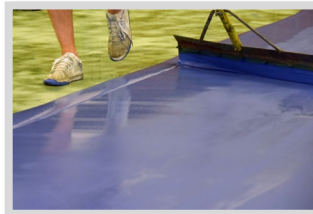
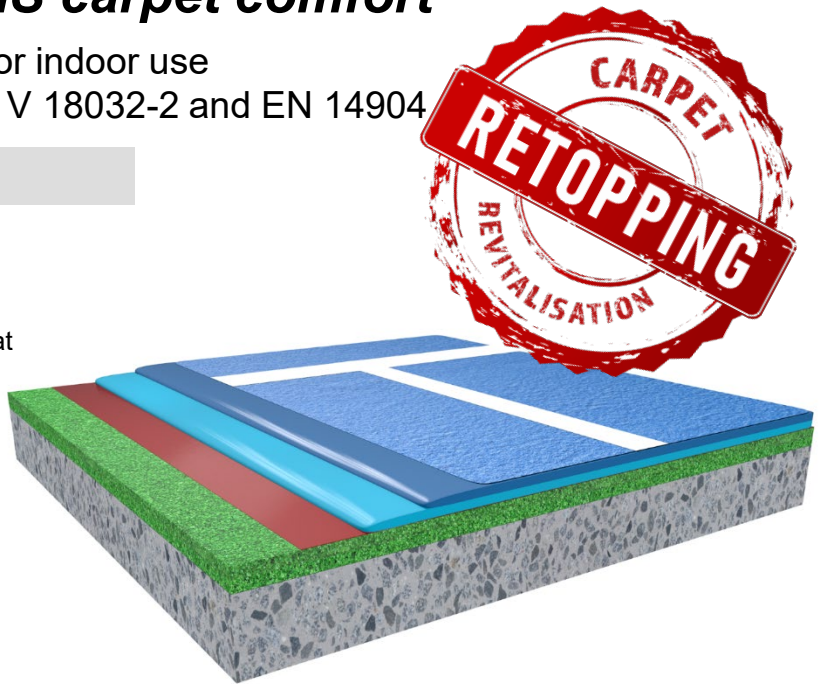


PORPLASTIC *TENNIS carpet comfort*

Tennis court flooring system for indoor use
point-elastic according to DIN V 18032-2 and EN 14904

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**
PORPLASTIC C524
-  **patching scratch layer (optional)**
PORPLASTIC C524
-  **pore sealer**
PORPLASTIC L375
-  **primer**
VIASOL PU-P2250
-  **carpet**
-  **sub base:** concrete or asphalt



SYSTEM DESCRIPTION

- total system thickness 7+2 mm
(5-7 mm carpet+ 2 mm coating)
- point-elastic (DIN V18032-2 and EN 14904)
- impermeable
- formaldehyde-free, pentachlorophenol-free
- permanent elasticity
- good scratch and abrasion resistance
- available in many colours
- easy to clean

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CONSUMPTION AND APPLICATION

layer	product	consumption (g/m ²)	thickness (mm)	application
line paint (structured)	PORPLASTIC X8085 SR	20 – 30 per running meter	0.1 – 0.2	roller or brush
top finish (structured)	PORPLASTIC S6085 SR	100 – 200 per layer	0.3 0.5	rubber squeegee
self-levelling layer	PORPLASTIC C524 / C523 / C522	appr. 2000	1.5	notched squeegee
scratch layer	PORPLASTIC C524 / C523 / C522	200 – 400	appr. 0.2	notched squeegee
patching scratch layer (optional)	PORPLASTIC C524 / C523 / C522	depending on condition		notched squeegee
pore sealer	PORPLASTIC L375	appr. 300	0.1 – 0.2	rubber squeegee or metal trowel
primer	VIASOL PU-P2250	appr. 60	0.1	roller or rubber squeegee
carpet	carpet		5 – 7	
substrate	Asphalt or cementitious substrates according to standards, load bearing, no cracks/voids, pull-off strength ≥ 1.0 N/mm ² (DIN EN ISO 4624), residual moisture (concrete) < 6 %CM.			



FIELDS OF APPLICATION

- Tennis courts indoor



TECHNICAL DATA (sample values)

property	thickness	DIN V 18032-2	EN 14904	required
shock absorption	appr. 7+2	appr. 25 -28%	appr. 27 -28%	25 - 75 %
vertical deformation	appr. 7+2	1.0 mm	0.9 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 %
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. 2018 – all technical information is subject to change without prior notice