







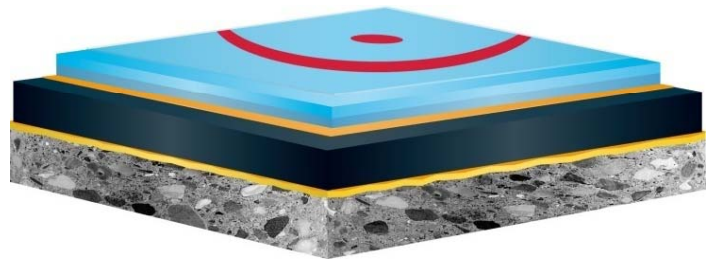


## PORPLASTIC *INDOOR PEL extra*

Flooring system with extra shock absorption - for more safety of children and athletes in sports halls - point-elastic according to DIN V 18032-2, IHF approved

### SYSTEM LAYERS

-  **line paint:**  
PORPLASTIC X995
-  **flexible sealing, coloured, mat**  
PORPLASTIC S620 / S688P
-  **top-coating, solvent free**  
PORPLASTIC C524 / C523
-  **intermediate layer**  
PORPLASTIC C524 / C523
-  **pore sealer**  
PORPLASTIC L375
-  **PORPLASTIC extra foam-mat**  
adhesive PORPLASTIC B976
-  **primer (only for concrete)**  
VIASOL EP-P210
-  **sub base:** concrete or asphalt



### SYSTEM DESCRIPTION

- total system thickness approx. 6 – 14 mm  
( 4 - 12 mm mat + 2 – 3 mm coating)
- point-elastic according to DIN V 18032-2 (Cat 2)
- point-elastic according to EN 14904
- high shock absorption for extra safety
- impermeable
- IHF approved
- formaldehyde-free, pentachlorophenol-free
- permanent elasticity
- good scratch and abrasion resistance
- easy to clean
- available in many colours

## PORPLASTIC *INDOOR PEL extra*

### CONSUMPTION AND APPLICATION

layer	product	consumption (kg/m <sup>2</sup> )	thickness (mm)	application
Line paint	PORPLASTIC X995	10 – 15 g per running meter	0.1 – 0.2	roller or brush
Flexible sealing	PORPLASTIC S620 / PORPLASTIC S688P	0.13 – 0.16 0.09 – 0.11	0.05 – 0.1	rubber squeegee and roller
Top-coating	PORPLASTIC C524 / PORPLASTIC C523	2.0 – 3.0	2 – 3	notched squeegee
Intermediate layer (optional)	PORPLASTIC C524 / PORPLASTIC C523	0.4 – 0.8	ca. 0.5	notched squeegee
Pore sealer	PORPLASTIC L375	ca. 0.6 – 0.8 (ca. 1.0 for RF)	0.1 – 0.2	rubber squeegee or metal trowel
Prefabricated mat with	PORPLASTIC <i>extra</i> foam mat	---	4 – 12	cut and embed in fresh adhesive
Adhesive	>10 mm + fabric (RF) 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 $\geq 1.0$ N/mm <sup>2</sup> (EN ISO 4624), residual moisture < 6 %CM.			



### FIELDS OF APPLICATION

- sports halls
- school sports halls
- multi-purpose leisure halls

### TECHNICAL DATA



property	thickness	DIN V 18032-2	EN 14904	required
Shock absorption	6+2	33 %	31 %	DIN: $\geq 51\%$ (Cat1)
	8+2	41 %	38 %	$\geq 45\%$ (Cat2)
	12+2 (RF)	49 %	47 %	EN: 25 - 75 %
Vertical deformation	6+2	1.9 mm	1.9 mm	DIN: <3.5 mm (Cat1)
	8+2	2.4 mm	2.3 mm	< 3.0 mm (Cat2)
	12+2 (RF)	2.8 mm	2.7 mm	EN: $\leq 5$ mm
Impact resistance		13 -14 Nm	13 – 15 Nm	> 8 Nm
Resistance to rolling load	all	1000 N	1500 N	DIN: 1000 N EN: 1500 N
Vertical ball behaviour		97-98 %	95-96 %	> 90 %
Resistance to indentation [mm]	all	0.3-0.4	0,31-0,43	$\leq 0.5$ mm
Sliding coefficient/ friction	all	0.42 – 0.47	100	0.4 – 0.6 80 -110
Gloss	all		23	$\leq 30$
Reflectance	all		0.48	0.4 – 0.6
Resistance to wear	all		30 mg	$\leq 80$ mg
Thickness coef.		3.2 – 4.3		DIN: $\geq 4$
W100	all	0%		0%

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](http://www.porplastic.com) or contact us directly). Date of issue: May 2014– all technical information is subject to change without prior notice