









PORPLASTIC *INDOOR elastic gym*

Flooring system for school and multipurpose sports halls, point-elastic according to DIN 18032/2

SYSTEM LAYERS

-  **line paint:**
PORPLASTIC LINING INDOOR X995
-  **flexible sealing, transparent or coloured, mat**
PORPLASTIC S600 or PORPLASTIC S620
-  **sports top-coating, solvent free**
PORPLASTIC C525
-  **intermediate layer**
PORPLASTIC C525
-  **pore sealer**
PORPLASTIC L370
-  **PORPLASTIC GYM SBR-PUR mat**
adhesive PORPLASTIC B976
-  **primer (only for concrete)**
PORPLASTIC P200 or VIASOL EP-P210
-  **sub base:** concrete or asphalt



SYSTEM DESCRIPTION

- total system thickness approx. 7 – 13 mm
(4 - 10 mm mat + 2 – 3 mm coating)
- point-elastic according to DIN 18032/2
- impermeable
- permanent elasticity
- good scratch and abrasion resistance
- for indoor
- available in many colours

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CONSUMPTION AND APPLICATION

layer	product	consumption (kg/m ²)	thickness (mm)	application
Line paint	PORPLASTIC X995	20 – 30 g/m	0.1 – 0.2	roller or brush
Flexible sealing	PORPLASTIC S600 od. S620	0.1 – 0.13	0.05 – 0.1	rubber squeegee and roller
Top-coating	PORPLASTIC C525	2.0 – 3.0	2 – 3	notched squeegee
Intermediate layer (optional)	PORPLASTIC C525	0.4 – 0.6	2 – 3	notched squeegee
Pore sealer	Porplastic L370	ca. 0.8	0.1 – 0.2	rubber squeegee or metal trowel
Prefabricated mat	PORPLASTIC GYM SBR/PUR mat	---	4 – 10	cut and embed in fresh adhesive
Adhesive	PORPLASTIC B976	ca. 0.8		notched trowel
Primer	PORPLASTIC P200 for concrete or VIASOL EP-P210	ca. 0.3 ca. 0.4	ca. 0.2	roller or rubber squeegee



FIELDS OF APPLICATION

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



TECHNICAL DATA

property	Test method	result	required
Shock absorption	DIN V 18032/2	51 %	51 %
Vertical deformation	DIN V 18032/2	2.7 mm	< 3 mm
Thickness coefficient	DIN V 18032/2	5	≥ 4
Resistance to rolling load	DIN V 18032/2	1000 N	1000 N
Ball rebound	DIN V 18032/2	102 %	> 90 %
Remaining indentation	DIN V 18032/2	0.3 mm	≤ 0.5 mm
Impact resistance	DIN V 18032/2	12 Nm	> 8 Nm
Sliding coefficient	DIN V 18032/2	0.54	0.4 – 0.6
Tensile strength	DIN 53504	4.8 N/mm ²	
Elongation at break	DIN 53504	ca. 80%	
Tear resistance	DIN 53515	ca. 12 N/mm ²	
Subsonic noise		ca. 20	
Resistance to heat transition		ca. 0.8 m ² K/W	

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. **Date of issue: April 2008** – all technical information is subject to change without prior notice