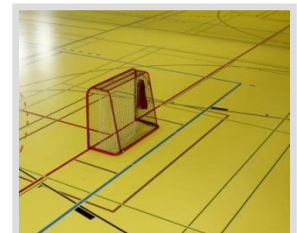
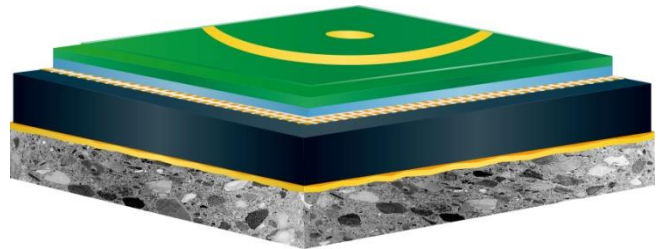


PORPLASTIC *INDOOR MEL compound*

Sports flooring system for school and multipurpose use, mixed elastic according to EN 14904

SYSTEM LAYERS

-  **line paint:**
PORPLASTIC X8005
-  **flexible top finish, coloured, mat**
PORPLASTIC S6000P
-  **self levelling layer, solvent free**
PORPLASTIC C524 / C523 / C522
-  **load distribution layer**
PORPLASTIC L324
-  **joint sealer and joint cord/tape**
PORPLASTIC L324
-  **glass fibre fabric**
-  **PORPLASTIC PUR foam-mat adhesive**
PORPLASTIC B976
-  **primer (only for concrete)**
VIASOL EP-P210
-  **sub base:** concrete or asphalt



SYSTEM DESCRIPTION

- total system thickness approx. 14 - 16 mm
(10 - 12 mm mat + 4 mm coating)
- mixed-elastic according to DIN V 18032/2 and EN 14904
- fulfils requirements of AgBB for VOC emission
- impermeable
- permanent elasticity
- good scratch and abrasion resistance
- for indoor
- available in many colours
- easy to clean

PORPLASTIC *INDOOR MEL compound*

CONSUMPTION AND APPLICATION

layer	product	consumption (kg/m ²)	thickness (mm)	application
Line paint	PORPLASTIC X8005	10 – 15 g per running meter	0.1 – 0.2	roller or brush
Flexible top finish	PORPLASTIC S6000P	0.12 – 0.14	0.05 – 0.1	roller
self levelling layer	PORPLASTIC C524 / PORPLASTIC C523 / PORPLASTIC C522	2.5 – 3.0	2 – 3	notched squeegee
Load distribution layer	PORPLASTIC L324	ca. 2.0	2	notched squeegee
Joint sealer	PORPLASTIC L324 Joint cord & tape	ca. 0.2	0.1 – 0.2	rubber squeegee or metal trowel
Prefabricated mat with	PORPLASTIC PUR foam mat (with glass fibre fabric)	---	10 – 12	cut and embed in fresh adhesive
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

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

TECHNICAL DATA

property	result DIN V 18032-2	result EN14904	Required (mixed elastic)
Shock absorption	57 %	54%	> 53 %
standard deformation	3 mm	3 mm	> 2,3
Deformation through W ₁₀₀	0,4-0,9 %		> 0 %
Resistance to rolling load	1500 N	1500N	1500 N
Impact resistance	16 Nm	16 Nm	> 8 Nm
Residual impression	0,1 mm	0,18 mm	< 0,5 mm
Ball rebound	>99 %	>99%	> 90 %
Sliding properties	0,41	107	0,4 – 0,6 EN 80 – 110
Abrasion resistance		15 mg	80 mg
Gloss		23	< 30

All technical data are taken from test reports and refer to the main products. Depending on the substrate an application conditions or in case of using alternative products, results may vary.



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: March 2018 – all technical information is subject to change without prior notice