

TECHNICAL DATA

Product No.
31.241

LEYCO-PUR TC SYSTEM 4+1,5

INDOOR SPORTS SURFACING

DESCRIPTION

LEYCO-PUR TC SYSTEM 4+1,5 is a indoor elastic synthetic floor covering for gymnasias, sportshalls and tennis courts.

Abrasion resistance:	0,08 mm loss of thickness
Adhesive type:	solvent free 2-component polyurethane
Selfleveling layer type:	Mercryr/Cadmium free 2-comp. Polyurethane

FIELD OF APPLICATION

It is a durable high quality floor covering for sportshall which are mainly used for tennis as well as for variety of indoor activities. The version (4+1,5) is specially developed to bring the proper ball behaviour for tennis as well as comfort and safety combined with very low maintenance requirements.

The material is a sandwich type construction consisting of a special prefabricated granular rubber shockpad of approximately 4 mm thickness, a pore filling and level regulating course, a seamless selflevelling polyurethane reinforcement layer, a unique dimpled-surface layer and a durable structured matcoat finish. The total surface toplayer shall have an average of 1,5 mm thickness. Cours can be marked with PU-Linepaint.

Installation should be carried out in accordance with manufacturers installation instructions, by a manufacturer trained installer.

the subfloor should be in accordance with the manufacturers document "requirements prior to the installation of a LEYCO-PUR TC SYSTEM sports floor".

SPECIFICATION SHEET

- ELASTIC LAYER:**
 - Type: granular rubber sheet
 - Brand: Regupol 6015H (+1,5)
 - Thickness: 4 mm
 - Specific weight: 650 Kg/m³
- ADHESIVE:**
 - Type: solvent free
 - Brand: LEYCOBOND
 - Hardness: 93 SHORE A (DIN 53505)
 - Tensile strength: 9 N/mm² (DIN 53455)
- SEALER:**
 - Type: 2-comp. polyurethane
 - Brand: LEYCO-PUR 203
 - Tensile strength: 5 N/mm² (DIN 53455)
- REINFORCEMENT LAYER:**
 - Type: 2-comp. polyurethane
 - Brand: LEYCO-PUR 221
 - Thickness: an average of 1 mm
 - Tensile strength: 10 N/mm² (DIN 53455)
 - Elongation at break: 200% (DIN 53455)
- STRUCTURED WEARING LAYER:**
 - Type: 2-comp. polyurethane
 - Brand: LEYCO-PUR 211 Thix.
 - Thickness: an average of 0,5 mm(ca. 0,2-0,8)
 - Hardness: 80 shore A (DIN 53505)
 - Elongation at break: 180% (DIN 53455)
- MATCOAT FINISH:**
 - Type: 2-comp. polyurethane
 - Brand: LEYCO-PUR 205
 - Gloss: 2-5 promille (DIN 67530)
 - Colour fastness: 8 (excel.) (DIN 54004)

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Force reduction:	13%	DIN 18032
Friction:	0,66 (dry)	DIN 18032
Ballbounce:	99%	DIN 18032
Hardness:	80 shore A	DIN 53505
Gloss:	2-5 promille	DIN 67530
Residual impression:	0,1 mm	DIN 18032
Impact resistance:	8 Nm	DIN 18032
Max. static load:	20 kg/cm ²	24 hours
Flammability:	class 1	DIN 51960
Tensile strength (top):	8 N/mm ²	DIN 53455
Elongation at break(top):	180-200 %	DIN 53455
Colour fastness:	8 (excel.)	DIN 54004

REMARK

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