

## POLYFLEX PRODUCT SPECIFICATIONS

### PART 1 – PHYSICAL CHARACTERISTICS

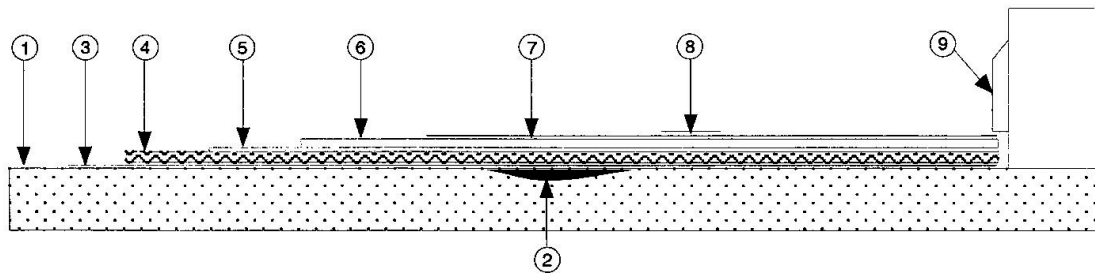
Description:	PolyFlex Universal is a dual durometer indoor sports flooring system comprised of a prefabricated black rubber base mat, pore sealer, body coat, and topcoat.
Adhesive for black rubber base mat:	Pu 88 2-component polyurethane adhesive
Base mat:	Prefabricated black rubber base mat supplied in rolls to the specified thickness. Density 700
Top Coat Colors	Red, beige, dark beige, light green, may green, forest green, pastel blue, blue, Capri blue, light gray, graphite, orange

### PART 2 – PHYSICAL SPECIFICATIONS:

#### TECHNICAL DATA RESULTS:

		DIN Standard	Unit	7mm	9mm	11mm	12mm
Shore Hardness	ASTM D-2240			68	68	68	68
Abrasion Resistance	ASTM D-4060 Taber CS 17/1000R		Gr/mm	0.039 0.05	0.039 0.06	0.039 0.07	0.039 0.08
Tensile Strength	DIN 18032-2		psi	1,235	1,235	1,235	1,235
Elongation at Break	DIN 18032-2		%	120	120	120	120
Flammability	DIN 51960			Class 1	Class 1	Class 1	Class 1
Impact Resistance	DIN 18032-2	>8	Nm	15	15	14	13
Remaining Indentation	DIN 18032-2	<.05	mm	0.03	0.07	0.06	0.08
Force Reduction	DIN 18032-2	>51	%	19	23	30	32
Vertical Deformation	DIN 18032-2	<3.5	mm	0.77	1.08	1.31	1.45
Coefficient of Friction	DIN 18032-2	0.4 to 0.6		0.42	0.42	0.42	0.42

The above data, particularly the recommendations for applications and use of this product is based on our knowledge and experience. Due to varying conditions during applications, which are beyond our control, actual results may vary. Except for a willful act, any liability based on such recommendations or any oral advice is hereby expressly excluded. This Technical Data Sheet supercedes all previous editions.



1. Concrete sub-floor to be steel trowel finished and smooth with a maximum surface tolerance of 3mm measured in a 3m circular span in any direction. Check moisture levels in concrete prior to commencing work. Do not start if moisture levels are too high (see installation details).
2. High spots – ground level (additional work). Low spots – fill with approved leveling compound (additional work).
3. PU 88 Adhesive
4. Black Rubber Base Mat – 5mm, 7mm, 9mm & 10mm
5. Polyurethane Pore Sealer (grey color)
6. 2mm thick Polyurethane Wear Coat (grey color as standard)
7. Polyurethane Top Coat
8. Polyurethane Line Paint
9. Skirt Boarding (by others)

### **PART 3 – APPLICATIONS**

1. Basements, aerobic rooms, dance halls, school halls, catering facilities, tradeshow floors, sunrooms, locker rooms, utility rooms, exhibition floors, and a variety of other casual living spaces.