

POLYFLEX® 942

Polyurethane Based **Impermeable** **Spike Resistant** **Solid System**

Meets IAAF; IAAF Certified; IAAF Class 1

Description	Spike resistant, impact-cushioning high performance surfacing for tracks and field facilities	
Fields of Application	Top Class Sports and Athletic Tracks	
System Structure	Primer	Conipur 74 (for concrete) No primer needed for asphalt
	1st Coating	Conipur 208
	Broadcasting	Recycled Rubber Granules (1-4mm)
	2nd Coating	Conipur 208
	Broadcasting	Recycled Rubber Granules (1-4mm)
	3rd Coating	Conipur 210
	Broadcasting	EPDM Granules (1-4mm)
	Optional	Sealing Layer Conipur 63 HE

Total Thickness of System **15 mm**

	IAAF Requirement	DIN 18035/6 Requirement	+10 °C	+23 °C	+30 °C
Modified vertical deformation	0.6-1.8 mm	-	1.40	1.50	1.60
Force Reduction	35-50 %	-	36.00	37.00	38.00
Tensile Strength	≥0.4 N/mm ²	>0.5 N/mm ²	-	0.53	-
Elongation at break	≥40%	≥40%	-	41.00	-

Water permeability				Impermeable
Spike resistance		DIN 18035/6		Class 1
Flammability behaviour		DIN 51960		Class 1
Sliding coefficient	wet/leather			0.68