

# REGUPOL® TRACKS

REGUPOL® PD

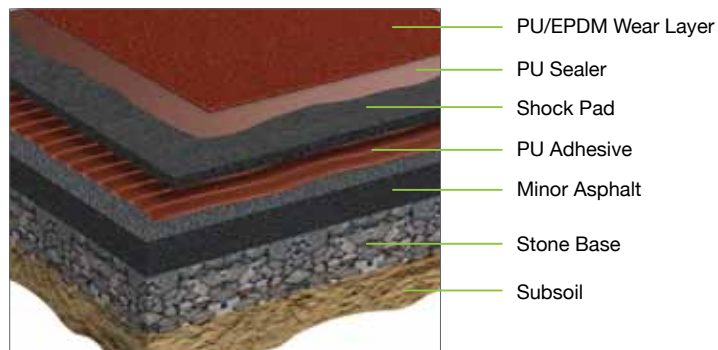
## BRIEF ARCHITECTURAL SPECIFICATION



*"There's nothing like running on Regupol. To me, Regupol equals gold. In more ways than one." -Usain Bolt*

### REGUPOL® PD REVOLUTIONIZING TRACK & FIELD PERFORMANCE

Whether you're a world champion or one who aspires to be, there's nothing like running on a Regupol track. We invented the advanced manufacturing process and installation techniques that give our tracks superior traction, uniformity and comfort. More than 1,000 tracks have been installed worldwide – many in service for over 20 years and still delivering exceptional performance. Our tracks are manufactured to the highest quality standards and according to the strictest environmental requirements. Regupol delivers a track and field surface that has been refined, tested and retested to achieve the precision performance that champions demand.



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[www.regupol.com](http://www.regupol.com)



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#### MANUFACTURER DESCRIPTION

- **Acceptable Manufacturer:** Regupol America LLC, 33 Keystone Drive, Lebanon, PA 17042  
Telephone 800-537-8737, Fax 717-675-2199
- **Email:** sales@regupol.com
- **Website:** www.regupol.com
- Requests for substitutions will be considered in accordance with provisions of Section 38.18.00.

#### PRODUCT DESCRIPTION

Synthetic surfacing 1/2" (13 mm) thick, pre-manufactured, recycled SBR rubber granule and polyurethane binder base mat adhered to asphalt base layer. Wear layer of 2mm polyurethane structural spray coating mixed with special EPDM spray granules. Polyurethane compound is MDI based and does not contain lead, mercury or any other heavy metals.

<b>Acceptable Product:</b>	Regupol® PD Outdoor Track	
<b>Specific Weight of Mat:</b>	750 kg/m <sup>3</sup>	
<b>Weight per m<sup>2</sup>:</b>	12.9 kg	
<b>Tensile Strength:</b>	0.96 N/mm <sup>2</sup>	DIN 53571 Part B
<b>Elongation at Break:</b>	107%	DIN 53571 Part B
<b>Force Reduction:</b>	38.8%	DIN 18032 Part 2
<b>Tear Resistance:</b>	7.0 N/mm	DIN 53515
<b>Vertical Deformation:</b>	1.4 mm	DIN 18035 Part 6
<b>Sliding Coefficient:</b>	0.55	
<b>Friction TRRL:</b>	51%	

#### SURFACE PREPARATION

Insure substrate is fully cured and free from excess surface oils and chemicals that would impair track surface installation.

- **Concrete:** Moisture content within acceptable limits as directed by manufacturer's technical consultant.  
No less than 45 day cure time.
- **Asphalt:** Volatiles and latent asphalt content within acceptable limits as directed by manufacturer's technical consultant.  
No less than 28 day cure time.

Insure that asphalt compaction tests indicate compaction of 95 percent or greater. Check asphalt with 10 foot (3 m) straight-edge in all directions. Repair areas not in conformance or replace with new materials, recompact, and recheck surfaces.

#### PRODUCT INSTALLATION

##### General

- Comply with manufacturer's recommendations.
- Make substrate surface repairs and minor planarity corrections with repair compound.
- Install track surface as specified to achieve track surface performance and physical dimensions all within tolerances.

##### Regupol® PD Outdoor Track

- **Premanufactured Track Layer:** Adhere basemat using 2-component polyurethane adhesive using 1/8" x 1/8" x 1/8"; v-notched trowel. Insure that adhesive is applied to 100% of the base to insure proper adhesion. Roll surface with 75 lb. roller after 30 minutes to ensure proper adhesive transfer. Weight all seams with concrete utility blocks until adhesive has developed a firm set (8-12 hours).
- **Seams:** Head seams are to be overlapped and double cut using a sharp utility knife and straight-edge. All head seams must be weighted down with concrete utility blocks.
- **Sealer Application:** Apply 2-component polyurethane sealer directly on to the Regupol mat using a flat trowel at a rate of 0.5 kg/m<sup>2</sup>.
- **PUR Wearcoat & EPDM:** The PUR wear coat shall be applied by specially designed spray machine on top of the sealed base mat at an application rate of approximately 2.0 kg/m<sup>2</sup> that is achieved in 2 applications.

#### PRODUCT MAINTENANCE AND WARRANTY

Provide manufacturer's 5-year written warranty that its products are free from defects in material and workmanship, and that manufacturer agrees to repair or replace items proven to be defective or refund purchase price of item.