PRODUCT SPECIFICATIONS

Standard Thickness: 8mm, 10mm & 12mm
Weight: 0.90 lbs. (8mm), 1.13 lbs. (10mm), 1.35 lbs. (12mm)
Standard Width: 48"
Custom Thicknesses: Available upon request (minimums apply). Allow extra lead time.

PRODUCT SPECIFICATIONS		
Density	ASTM D3676	34 lbs./cu.ft.
Tensile Strength	ASTM D412	50 psi
Elongation at Break	ASTM D412	55%
Compression Set B (25% Deflection)	ASTM D395	18%
Force Reduction	DIN 18032-2	8mm (33%), 10mm (39%), 12mm (45%)
Temperature Resistance	-40° C to 115° C	
Water Permeability	DIN 18035-6	0.9 cm/s

WE INVENTED RECYCLED RUBBER TO MAKE SYNTHETIC TURF FIELDS DO ONE THING BETTER.

ABZORB.

REGUPOL AMERICA

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www.regupol.com

REGUPOL® ABZORB™
SYNTHETIC TURF SHOCK PADDING

THE INVENTION THAT REVOLUTIONIZED THE PERFORMANCE OF SYNTHETIC TURF FIELDS.

Over 40 years ago, German company, BSW, put a new spin on tires – a sports spin. They invented the technology to recycle tires into rubber padding that forever changed the feel of athletic fields. It was quintessential German engineering, innovation, precision and performance. In the lab, BSW scientists called it Recycled Gummi Polymer. But for decades, the synthetic sports field world has called it by the acronym synonymous with performance – Regupol®!

Work with the inventor and get four decades of experience and expertise. Manufacturing to the highest quality and environmental standards. A product that's been refined, tested and retested for precision performance. And customer service provided with the beaming pride of an inventor.

REGUPOL® ABZORB™

PRECISION CUSHIONING FOR PRECISION SPORTS PERFORMANCE.

Regupol Abzorb prefabricated synthetic turf shock padding is the perfect complement to a well-constructed artificial turf product. Abzorb is manufactured using a proprietary process that ensures consistent density, thickness, feel and resilience – for uniform shock absorption and elasticity, and enhanced athlete safety.

PERFORMANCE.
MEASURED IN SHOCK ATTENUATION.

Regupol Abzorb was developed for use under conventional synthetic turf systems (no-infill) and filled systems with rubber or sand and rubber infill. Our proprietary formulation and production process yield density and thickness consistencies that stand alone in sports surfacing. Abzorb can be formulated to your shock attenuation specifications for force reduction and other cushioning properties.

PERFORMANCE.
MEASURED IN MICRONS.

You get precisely the Regupol Abzorb padding thickness your specifications call for. Precision manufacturing ensures that the entire span of your field receives uniform shock absorbent padding, with deviation so slight, it's measured in microns. Abzorb precision thickness enables athletes to make precision cuts, zigs, zags, jukes and open field sprints with confidence.

PERFORMANCE.
MEASURED IN DURABILITY AND ENDURANCE.

The manufacture of Regupol Abzorb is quality controlled from start to finish to ensure lasting performance. It's weather resistant and will not rot, harden or become brittle over time. It also possesses exceptional drainage characteristics. Even when a turf system is in need of replacement, the existing Abzorb shock padding can be reused under the new system.

PERFORMANCE.
MEASURED IN HOURS AND DOLLARS.

Regupol Abzorb excels on the bottom line, as well. Compared to in-situ installations, installing Abzorb is a snap, regardless of weather conditions. Abzorb rolls out over unbound sub-bases quickly and easily, saving significantly in terms of installation time and expense.

PERFORMANCE.
MEASURED IN ENVIRONMENTAL FITNESS.

Regupol America products are an environmentally responsible choice. Abzorb is composed of up to 100% post-consumer tire rubber. Our manufacturing process exceeds the strictest environmental standards. Using Regupol Abzorb can qualify your facility for LEED credits.

PERFORMANCE.
MEASURED IN BETTER, SAFER ATHLETIC PERFORMANCE.

Regupol Abzorb's unique composition results in uniform density and thickness that improve the performance of athletes while on their feet – and help absorb the impact when they leave their feet! Its elasticity creates additional cushioning comfort and its shock absorption reduces the potential for stress and injury to athletes' bones, joints, ligaments and tendons – and reduces impact-related injuries.