

## ***DID YOU KNOW?***



### **Regarding the New Multi-Use Turf Field at NHS**

**Q: *What type of turf field system was installed on the Upper Northern Terrace of Nyack High School?***

**A:** The installed turf playfield system is Powerblade SZ as manufactured by Shaw Sports Turf. SZ is Shaw Sports Surfacing's lingo referring to "Spike Zone".

**Q: *What type of infill system was used for this new turf field?***

**A:** The infill used in the turf field is a 50/50 mix of virgin EPDM (ethylene propylene diene monomer) rubber and silica sand. Unlike other synthetic turf fields that have been installed in the Rockland County area, recycled SBR rubber (styrene-butadiene rubber) was NOT used in the infill installation of Nyack High School's field.

**Q: *What is virgin EPDM?***

**A:** EPDM is a **non-recycled** rubber (versus recycled rubber from used tires, for instance).

**Q: *What is the difference between SBR crumb rubber infill and EPDM rubber infill?***

**A:** SBR crumb rubber is a recycled product and EPDM is virgin. Used tires are the primary component to SBR crumb rubber. Tire production requires the use of many chemicals and has raised concerns that exposure to the chemicals will negatively affect people or the environment. EPDM rubber particles would not be covered with possible metals and other chemicals that SBR might have as a result of being recycled tires. EPDM rubber granules were manufactured from original (non-recycled) rubber compound produced in controlled conditions to *reach predefined specified properties*.

**Q: *What are the specific rubber specifications of EPDM?***

**A:** EPDM Rubber is ground rubber granulate containing minimal dust and contaminants meeting the following characteristics:

- The EPDM rubber particles must be certified by the provider as 100% EPDM
- Color: Black
- Size: Granule size to be installed per the field builder's standard. All particles to be clean and uniformly sized, consistent in shape and particle size distribution. Particles shall be processed and sized under rigid specifications and under the Manufacturer's statistical and quality control program.
- Particles shall be structurally pure and consistently uniform in size distribution to enable predictable performance.
- Performance: Rubber particles capable of resisting abrasion in high traffic and excessive wear applications providing stability for artificial sports turf applications

**Q: *What exactly is silica sand?***

**A:** A sand of specific size and roundness engineered to complement the performance of rubber infill while promoting drainage of the turf system.

**Q: *What is the significance of the 50/50 mix?***

**A:** Because this field is a 50% sand mix, it uses significantly less rubber pellets than traditional synthetic fields.

**Q: *What teams will play on the new field?***

**A:** The field is lined for boys and girls soccer; boys and girls lacrosse. A discus throwing area is additionally included in this playfield area.

**Q: *What are some additional final details included in this project?***

**A:** Seating for approximately 250 spectators has been installed and a high efficiency, four pole playfield lighting system exists at the perimeter of the field. A multi sport scoreboard has been included in both the multi-use field and the girls' softball field.