

## **Envirofill Specification**

### **SECTION 321818 – SYNTHETIC TURF ATHLETIC FIELD**

#### **A. INFILL MATERIAL**

1. The synthetic turf infill material shall be specifically designed and manufactured for athletic use. It shall be a rounded and highly uniform quartz sand pigmented and sealed with an acrylic polymer and have the following properties:
2. The silica sand shall have a Coefficient of Uniformity of  $\leq 1.3$ .
3. 98% of the particles retained on US standard sieves 12 through 20.
4. The coated particles shall be smooth to resist mounding and compaction and have an angle of repose of 30% or less.
5. The finished product shall be 100% coated, shall repel water, be non-flammable and have  $<.001\%$  dust content.
6. When placed in the synthetic turf, the system shall have an Abrasion Index of  $26\pm 2$ .
7. Color: As selected by Specifier
8. Product to be Envirofill ® manufactured by USGreentech, L.L.C. or approved equal.