

City of Stamford: Guidelines for Synthetic Turf Purchases Materials- Ensuring the Safety of Our Residents

PFAS

1. Manufacturer shall provide a new sample of the carpet, backing, shock pad, and infill to the City for City directed independent testing at least two months prior to finalization of any contract for purchase. Carpet, backing and shock pad sample shall be a minimum of 12" square, and infill shall be a minimum of 8 ounces by weight.
2. Samples shall be tested by Eurofins Lancaster or Eurofins Sacramento for a minimum of 36 per-and polyfluoroalkyl substances (PFAS) using a Synthetic precipitation Leaching Procedure (SPLP) test; tests shall be paid for by the manufacturer.
3. Testing shall include a Total Organic Fluorine Analysis. This test is included because testing standards have not been developed for all types of PFAS that are available on the market.
4. Testing shall include Total Oxidizable Precursor (TOP) assay. This test creates conditions in which precursors are broken down into degradation products.
5. If any amount of PFAS are found above detection limits (limits TBD) in one or more of the turf components, including infill, those components cannot be purchased or installed.

Additional Testing / Requirements

6. If the Manufacturer cites complying to European Standard EN 71-3 - "Safety of Toys Part 3", the manufacturer must provide documentation indicating which safety level has been applied and they meet the most stringent requirements. EN 71-3 focuses on only metals that may be found in synthetic turf.
7. The Manufacturer will pay for the City of Stamford to order their own tests for the metal contents of the artificial turf sample provided by the manufacturer. The metals tested shall be the same metals listed in the most stringent requirements in the European Standard EN 71-3.
8. The manufacturer will provide data on Volatile Organic Compounds (VOCs), Semi-Volatile Organic Compounds (SVOCs), and Polyaromatic Hydrocarbons (PAHs).
9. Crumb rubber will not be used as an infill.
10. The City of Stamford will create regulations on utilizing synthetic turf in the heat to include all sports games and practices, marching bands, color guard, and other activities taking place to modify activities as needed to protect students. Regulations will include field surface temperature in addition to the Wet Bulb Globe Temperature (WBGT).