

# Sof'Fall® Engineered Wood Fiber Bid Specification

## Protective Surfacing Under and Around Playground Equipment

### Description of Product

- Product is manufactured engineered wood fiber comprised of softwoods and/or hardwoods, consisting of randomly sized wood fibers the majority of which do not exceed 1.5” in length and containing 10% to 20% fines to aid in compaction (it is generally understood that the manufacturing process allows a few oversized pieces).
- Product must prove to be non-toxic. It may not contain any recycled wood products or any wood containing paint, chemicals or additives. Bidder to provide Toxicity Test Data\*.
- Product to have minimal bark and to be free of twigs, leaf debris and other organic material, and to be certified as non-flammable\*.
- Product depth, after installation, must be in accordance with the procedure described in ASTM F1292 and meet guidelines for critical height as set for by the CPSC for use of wood products for protective surfacing.

### ASTM Testing Certification

Manufacturer must be in compliance and provide testing data for the following standards as set forth by the American Standard for Testing Materials (ASTM), for surface systems under and around playground equipment.

- ASTM F1951-99 (previously ASTM PS 83-97) determination of accessibility of surface systems under and around playground equipment\*.
- ASTM F1292-96 impact attenuation of surface systems under and around playground equipment\*.
- ASTM F2075-01 standard specification for engineered wood fiber for use as playground safety surface under and around playground equipment\*.

### IPEMA Certified

Manufacturer must provide proof of certification. “In the interest of public playground safety, IPEMA provides an independent laboratory which validates a manufacturer’s certification of conformance to ASTM F1292-99. A list of current validated products, their thickness and critical height may be view at [www.ipema.org](http://www.ipema.org).”

### Geotextile Weed Barrier Fabric

- Installation of Geotextile fabric must accompany that of the Sof'Fall® engineered wood fiber surfacing on all new installations.
- Geotextile fabric must be a minimum of 28 mills thick and have a tested 26 gallons per square foot per minute permeability.

### Manufacturer Agreement

- Manufacturer must carry 10 million dollars in product liability insurance.
- Manufacturer must have a written 10-year limited product warranty.

\*If a summary of these items does not accompany this specification please contact your representative or call the Sof'Fall® customer service department at 800-523-8690.