



## Kids Karpet® Engineered Wood Fiber Surfacing Specifications

### Description of Product

- Product is manufactured crushed wood fiber comprised of softwoods and/or hardwoods, consisting of randomly sized wood fibers the majority of which do not exceed 4” in length and are approximately ten times longer than wide.
- Product must be from a virgin wood source and must prove to be non-toxic. It may not contain any recycled wood products or any wood containing chemicals or additives.
- Product to have minimal bark and to be free of twigs, leaf debris and other organic material.
- Product must be produced from green wood; not kiln dried or recycled.
- Product depth, after installation, must be in accordance with the procedure described in ASTM F1292 and meet guidelines for critical height as set forth 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.

1. ASTM F1951 Determination of Accessibility of Surface Systems Under and Around Playground Equipment.
2. ASTM F1292 Impact Attenuation of Surface Systems Under and Around Playground Equipment.
3. 16 CFR Part 1630 FF1-70 & Part 1631 FF2-70 Surface Flammability of Carpets and Rugs.
4. ASTM 2075 Engineered Wood Fiber for Use as a 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. A list of current validated products, their thickness and critical height may be viewed at [www.ipema.org](http://www.ipema.org)”

### Geotextile Fabric

- Installation of geotextile fabric must accompany that of the engineered wood fiber surfacing on all new installations.

### Manufacturer Agreement

- Manufacturer must have a written 10-year limited product warranty.

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