

Habitat Systems' ENGINEERED WOOD FIBRE

Habitat Systems' Engineered Wood Fibre playground surfacing is manufactured with only the highest quality virgin wood and provides a stable, nontoxic and slip resistant surface to play.

Today you can significantly reduce the risk of injuries by installing material with the best fall safety rating on the market. Our surfacing is 100% natural engineered wood fibre, carcinogen free, and fully certified by the International Play Equipment Manufacturing Association (IPEMA).



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Engineered Wood Fibre Specification Sheet

Description

Habitat Systems' Engineered Wood Fibre:

- I. is comprised of softwoods and/or hardwoods. Pieces within the blend of randomly sized wood fibre primarily do not exceed 1.5 inches in length; however, it is generally accepted that some oversized pieces are present after the screening and sorting process. The blend contains 10% - 20% fines to aid in compaction
- II. is non-toxic and does not contain any recycled wood products or any wood containing paint or chemical additives
- III. has minimal bark and is free of twigs, leaf debris, and other organic material

ASTM Testing Certification / CSA Compliance

Habitat Systems' Engineered Wood Fibre maintains compliance for the following standards as set forth by the American Standard for Testing Materials (ASTM) and Canadian Standards Association (CSA) for surface systems under and around playground equipment.

1. ASTM F-1951-99 (Previously ASTM PS 83-97) Determination of Accessibility of Surface Systems Under and Around Playground Equipment
2. ASTM F-1292-04 IMPACT ATTENUATION of Surface Systems Under and Around Playground Equipment
3. ASTM F-2075/4.4 & 4.6 Standard Specific for Engineered Wood Fibre for use as a Playground Safety Surface Under and Around Playground Equipment
4. Habitat Systems' Engineered Wood Fibre meets or exceeds the standards set forth in the Canadian Standards Association (CSA) Z-614-14 document

IPEMA Certification

Habitat Systems' Engineered Wood Fibre maintains IPEMA certification for the production of playground surfacing. In the interest of public playground safety, IPEMA provides an independent laboratory which validates a manufacturer's certification of conformance to ASTM F-1292-04. A list of current validated products, their thickness and critical height may be viewed at WWW.IPEMA.ORG.

