

## PRODUCT DESCRIPTION

FiberPad Carpet Underlayment is a natural fiber based, non-toxic carpet underlayment with a luxurious feel that doesn't compromise health or sustainability. Made of 80% natural fibers and designed with thermal and acoustic properties in mind, FiberPad is the ideal choice for carpet underlayment when comfort is key.



## CHARACTERISTICS

Unlike carpet padding made from petroleum-based urethane, synthetic latex or questionable post consumer content, FiberPad is made from 80% hemp fiber and 20% engineered polyester. This fiber combination leads to not only a reduced carbon footprint, but also a resilient material with rebound that deadens sound and improves thermal comfort.

With tested thermal values at R1.873 for 1/2" of underlayment, FiberPad will contribute to increased thermal performance both in individual rooms as well as throughout the home through improved convection. The bulk density of FiberPad is engineered to absorb sound transmission on a variety of substrates. Treated with nontoxic, redlist free ingredients, the fire performance of FiberPad is improved.

## PRIMARY USE

FiberPad is a carpet underlayment material that is installed over a subfloor or substrate before the installation of carpet. It should be used for above grade applications and can be installed similarly to conventional carpet padding. Carpet trimmers or scissors are preferable to utility knives due to the strength of the underlayment.

## SIZE

FiberPad is 5/16" thick and is sold on rolls.

Width = 4'

Length = 33.75'

Square feet = 135 SqFt

## TECHNICAL DATA

### ASTM C518

Thermal Resistance @ 75 F - R1.873

Apparent Thermal Conductivity (Btu.in/ft<sup>2</sup>.h.°F) = .03859

Thermal Resistivity Per Inch (ft<sup>2</sup>.h.°F/Btu.in) = 3.74

### ASTM C303

Specimen Mass (gsm) = 1320 / SqFt

Specimen Mass (lb/ft<sup>3</sup>) = 7

Average Thickness (in) = .501

### ASTM C1338

Fungi Resistance - Pass

### FF 1-70

Pill Test - Pass

(The flammability was determined in accordance with Title 16 CFR Chapter II, Subchapter D, Part 1630)



## ENVIRONMENTAL

- FiberPad is 60% biobased, comprised of industrial hemp fiber and an engineered polyester for resiliency
- Low embodied energy due to sustainable manufacturing practices
- Reduction of greenhouse gases (GHGs), currently being analyzed for an Environmental Product Declaration.
- Natural materials contribute to healthier indoor environment
- VOC and Red-List Chemical Free
- Hemp Fiber contributes to soil regeneration, and requires little water to grow