

Godfrey Hirst

C A R P E T S

Nature Underfoot

THE STANDARD OF EXCELLENCE IN WOOL CARPET CUSHIONS

CHOOSING THE RIGHT CARPET CUSHION IS AS IMPORTANT AS CHOOSING THE RIGHT CARPET

Nature Underfoot is carpet cushion made from 100% wool of which some of the content is recycled wool. Wool is all natural and an environmentally friendly fiber. Our production process consists of the Natural Elements: Sun, Rain, Grass and Sheep. Most carpet cushions are dependent on petroleum.

Benefits of Wool

Wool is natural: Wool shorn from sheep is completely natural. It is composed entirely of amino acids, which are the building blocks of life

Wool is renewable: Sheep can be shorn every 9 to 12 months

Wool is biodegradable: In soil, wool readily biodegrades to produce nitrogen, sulfur, carbon dioxide and water, which are all plant nutrients.

Wool is sustainable: It is produced from a totally renewable resource: grass

Wool is naturally flame retardant: It is difficult to ignite, due to higher ignition temperature. It contributes less to smoke or toxic gas formation (compared to synthetics).

Benefits of Wool Carpet Cushion

Carpet cushion can add to the useful life of carpet: By reducing pile height loss and pile crushing, cushion can help keep a carpet "new" looking and therefore increase its usable life span.

Carpet cushion can significantly improve a carpet's acoustical properties: A carpeted environment is quiet because the pile surface absorbs surface noise. A carpet installed with a carpet cushion can make the room even more quiet.

Carpet cushion can improve the thermal insulation properties of the floor covering: A typical carpet cushion has been measured to have "R" values from .75 to 2.0. "R" values are commonly used to measure a material's resistance to heat flow.

Maintenance costs are often lower during a cushioned carpet's life: Vacuum cleaning is more efficient with separate cushion since most machines "lift" the carpet to provide air circulation, thus insuring maximum cleaning power

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SPECIFICATIONS

	Nature Underfoot	Nature Bigfoot
Fiber Content:	100% Wool	100% Wool
Ounce Weight	24	36
Roll Sizes:	6x45'	6x45'
Roll Size in sq yds	30	30
Surface Flammability DOC FF 1-70	Passes	Passes
Critical Radiant Flux ASTM E-648-03	Class 1 (.65 watts/sq cm)	Class 1 (.54 watts/sq cm)
Smoke Density (Flaming) ASTM E662-03 Average Density	106	113
Smoke Density (Flaming) ASTM E662-03 Specific Optical Density @ 4 min	84	87
Smoke Density (Non-Flaming) ASTM E662-03 Average Density	115	114
Smoke Density (Non-Flaming) ASTM E662-03 Specific Optical Density @ 4 min	52	56
Density ASTM D-3676	7.8 lbs/ft ³	7.9 lbs/ft ³
Compression Set ASTM D-1667	2.70%	3.70%
Tensile Strength ASTM D-2646	88.4 lbs	125.6 lbs/sq in
Resilience Test ASTM D3574	115mm	115mm