

Date: October 2022

LEED® Contribution Points V4

Product: BoSpray

MATERIALS & RESOURCES:

RECYCLED CONTENT

BoSpray consist of recycled plant-based fibers, and a special water-based adhesive, contains 80% Pre-Consumer Recycled Content.

REGIONAL MATERIALS

BoSpray is manufactured in Germany.

Adhesives are produced and shipped in concentrated form and are diluted with water sourced from the job site.

RENEWABLE/RAW INGREDIENTS

Cellulose is the primary raw material ingredient in the BoSpray. This contains wood, cotton and other renewable resources. Cellulose takes less energy to make compared to other building insulation materials.

MATERIAL INGREDIENT REPORTING:

INGREDIENT OPTIMIZATION-RED LIST:

BoSpray doesn't contain raw materials that are on the Red List. This is a list which contains some of the worst materials prevalent in the building industry. Additionally, these products do not contain glass, mineral, asbestos, silica, or synthetic fibers.

AVOIDANCE OF HAZARDOUS SUBSTANCES:

BoSpray, doesn't contain any: Lead (Pb), Cadmium(Cd), Mercury (Hg), and Hexavalent Chromium (Cr (VI)), or other heavy metals. Additionally, these products do not contain ozone depleting substances such as CFC's or HCFC's; Isocyanate or any Brominated Flame Retardants (PBTs).

INDOOR ENVIRONMENTAL QUALITY (IEQ):

LOW EMITTING BUILDING MATERIALS

BoSpray is a low VOC emitting product.

ACOUSTIC PERFORMANCE

BoSpray creates ceilings that are highly absorbing, which enhances the acoustical comfort in a space.

SOUND ABSORPTION DATA:

Layer thickness	NRC
15 mm	0.65
25 mm (1 inch)	0.75
37.5 mm (1 ½ inch)	0.85
40 mm	0.95