

Abstract

ECO SPACER – Little Pellets with a great benefit for the environment

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Abstract: For the storage and transportation of paving slabs there are commonly used small LDPE pellets. Contrarily to the environmental instructions of the manufacturers these pellets are very often carelessly brushed into the landscape, when the walkway or the terrace is built. In the natural environment the LDPE-pellets stay hundreds of years and turn there step by step into microplastics.



The Biofibre GmbH became randomly aware of this problem and started a project with a partner of the construction industry to find a solution. The result is **BPB® ECO SPACER VP®**, a **97% biobased granular material with** approximately the same features like the LDPE pellets, but biodegradable in natural soil. The environmental impact of this invention is minimally 40 tons LDPE pellets less, likely to request a multiple of it.

The jury of the BIOPOLYMER Innovation Award honored the **BPB® ECO SPACER VP®** as the winning product of 2019. Christoph Glammert, managing director of Biofibre in Straubing, reports the way to success in his lesson.

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