

## BPB® ECO SPACER®

ECO Granule for spreading as layer protection for flat storage

Product No.: 410087G00 ! **ATTENTION: NEW PRODUCT NUMBER FROM 2024 !**

Product No until 2023: 419010009



### Product Information:

#### Properties:

- efflorescence reducing through air circulation
- scratch protection for finished concrete products
- layer protection

#### Application:

Scratch and layer protection applied in the factory with a biogenic content of > 95 M-% with good hydrolysis resistance and low water absorption.

**BPB® ECO SPACER®** is spreaded between the block and slab layers directly prior to packaging (flat storage). **BPB® ECO SPACER®** is a product based on biopolyester natural fibre with a biogenic proportion of > 95 mass %, which is produced in a special melting compounding process. The composition allows degradation by rotting in a reasonable time in nature as well as residue-free in industrial composting. During complete composting, the **BPB® ECO SPACER®** decomposes into CO<sub>2</sub> and water within 5 years.

Life Cycle Assessment (LCA) measures the environmental impact of a product. When using **BPB® ECO SPACER®**, the CO<sub>2</sub> equivalent (also known as "Global Warming Potential", GWP for short) is at least 70 %<sup>1</sup> lower than when using **BPB® Streugranulat Maxi**, r-LDPE spacer (Recycling - post consumer).

This makes the use of **BPB® ECO SPACER®** a valuable contribution to improving the eco-balance.

Water absorption is necessary for complete biodegradability. With **BPB® ECO SPACER®**, this is strongly delayed. The water absorption of the **BPB® ECO SPACER®** required for rotting leads to a limited shelf life between the stone layers. The shelf life of dry stone layers is at least 24 months. If there is moisture between the stone layers, this period is reduced.

We therefore recommend that the packages be stored away from moisture.

The average required consumption quantity is about 20 g per square metre of concrete surface. When storing pallets on top of each other, the consumption quantity must be adjusted accordingly.

The heat resistance of biopolyester natural fibre products is < 55 °C depending on the composition. Therefore, in case of high ambient temperatures during installation, promptly remove the **BPB® ECO SPACER®** from the surface. We recommend a storage temperature of <50°C.

#### Specifications:

Shape: Granules  
Colour: anthracit<sup>2</sup>  
Height mean: 2.5 mm ± 0.3 mm

#### Storage:

**BPB® ECO SPACER®** cool and dry in closed original packaging.

Storage temperature <50°C.

Protect from moisture. When stored in a dry place, keep for at least 24 months.

Do not stack BigBags on top of each other!

#### Form of delivery/package:

Big Bag

#### Safety Rules:

See EC safety data sheet.

#### Assistance:

Please contact our Technical Application Centre.



<sup>1</sup> CO<sub>2</sub>e data basis according to Zheng 2019 and according to Cabernard 2022

<sup>2</sup> Colour: Beige on request

The product BPB® ECO SPACER® was developed as a very sustainable organic product and - where possible - recycling materials (so-called post-industrial waste) are used for the production. Since the biodegradable polymer raw materials are sometimes colored with very small proportions of color master-batch for the main products (especially food packaging), the corresponding recyclates are also offered on the market in different colors. This is also the reason for the occasional color variation in the product. The coloring in itself has no negative influence on the intended suitability of the BPB® ECO SPACER® (stability, targeted biodegradability, granulate geometry, etc.).

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