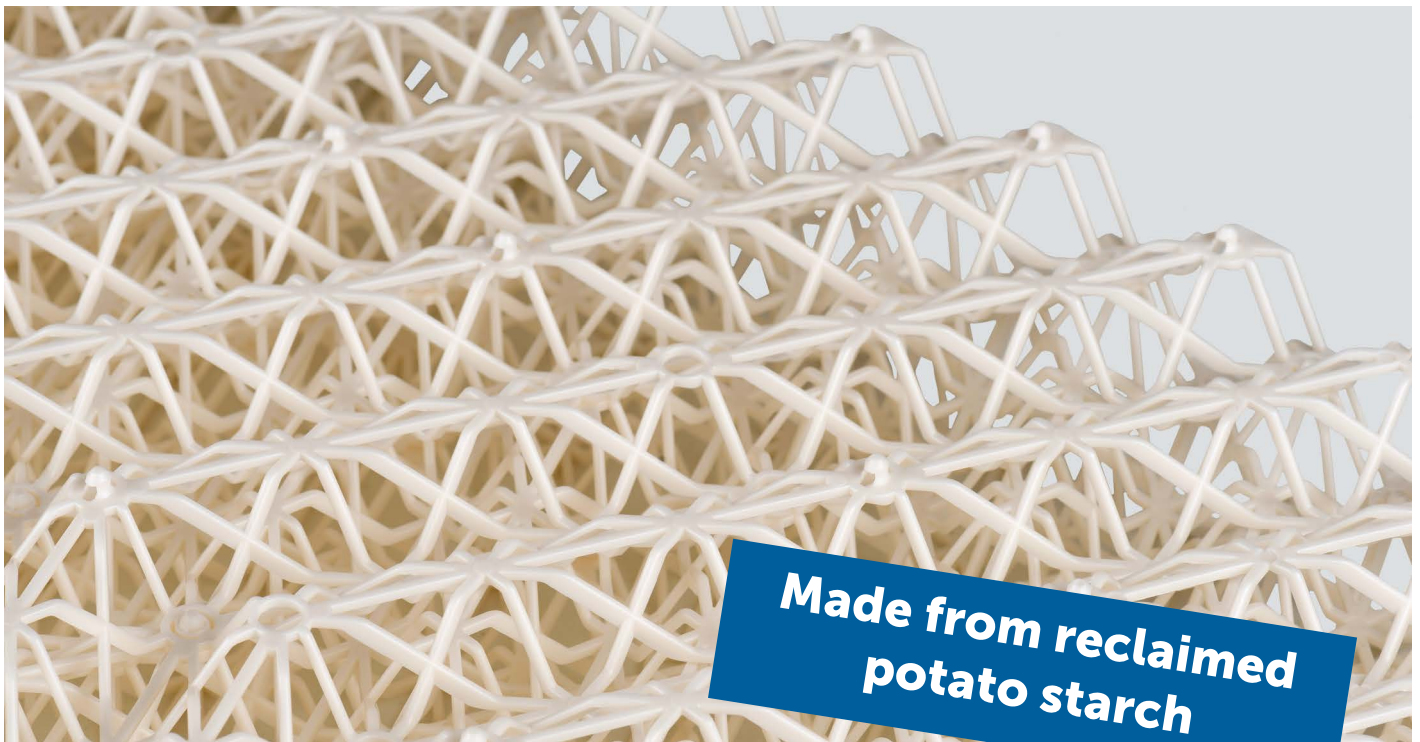


## 2H BESE-Elements®

(Biodegradable Ecosystem Engineering Elements)  
Three-Dimensional Trickle Grid



**Made from reclaimed  
potato starch**

BESE-Elements® provide a solid 3-D grid structure that can be used as a starting point for restoration of ecosystems, like mussel and oyster beds, seaweed, coral reefs and many more.

Made of starch from potato waste these BESE-Elements® degrade under environmental influences and do not need composting agents or specific temperatures.

### **Features of of BESE-Elements®**

- The material in itself is environmental friendly and sustainable
- Based on side-stream potato starch
- Raw materials are renewable resources
- Carbon neutral, non-toxic product
- Compostable and digestible in biomass bio refineries

BESE-Elements® are a joint product development of ENEXIO Water Technologies, Bureau Waardenburg and Rodenburg Polymers.

Technical Data		
		Data
Density		1.3 g/cm <sup>3</sup>
Max. operating temperature		55 °C
Color	Standard	white
	On request	beige, green, blue, mixed blue and green



BESE layer

Types				
BESE-Elements®	Length	Width	Height	Weight
	mm	mm	mm	kg
Un-assembled BESE grid (sheet)	922	455	20	0.44
Assembled BESE block without ties 119 sheets per m <sup>3</sup>	922	308	455	6.8



BESE block



BESE-Elements® grids feature a patented push button connection, thus single layers can be combined to solid blocks. These blocks can be used as single blocks or, with a certain offset, can be fixed together to form endless blocks.

Machines to connect single BESE-Elements® layers can be supplied on request.

This information has been put together with greatest care. However, any performance data given in this leaflet is subject to compliance with certain surrounding conditions and hence may vary from case to case. Further, we reserve the right to make changes at any time without notice. We strongly recommend (i) reconfirmation with us whether this information is still fully valid, before using it for final designs and (ii) to verify performance data taking into account the actual surrounding conditions. We do not take any responsibility for any consequences due to non-compliance with these recommendations.



Management System  
ISO 9001:2008  
www.tuv.com  
ID: 9105070210

ENEXIO Water Technologies, Germany,  
is ISO 9001:2008 certified.

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