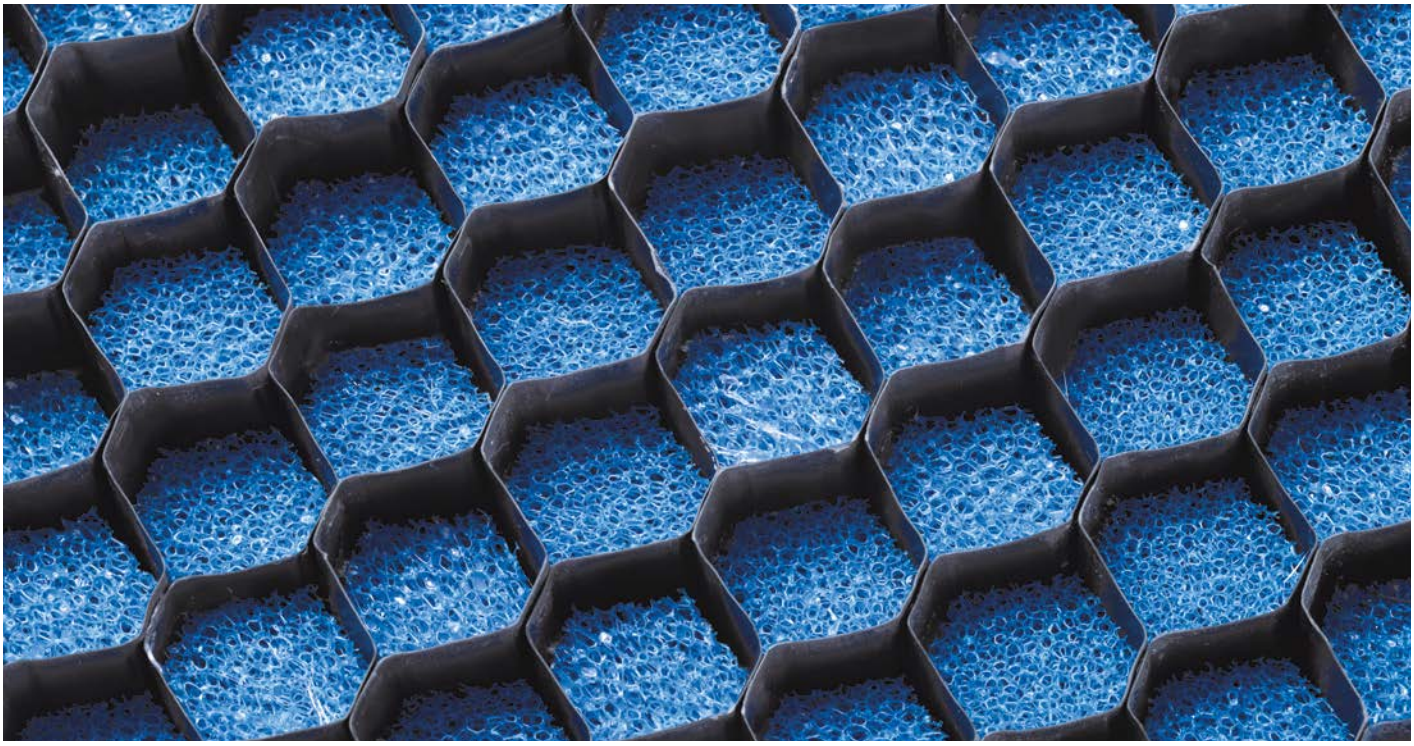
ENERGY.
ENGINEERING.
EXCELLENCE.

ODORdek 550

Uncompressible Structured Foam Media



Uniformity is the key. The special design of ODORdek 550 synthetic media (patent pending) excels in characteristics such as available surface area, flow distribution and biomass contact time that have one thing in common: They feature uniform performance within the system and throughout a long service life.

The structured media form a regular structure that supports a homogeneous air flow. Density variations through the media bed are eliminated and an even flow distribution is ensured. Controlled air turbulence provides optimized mass transfer for inorganic and organic odorous compounds.

ODORdek advantages

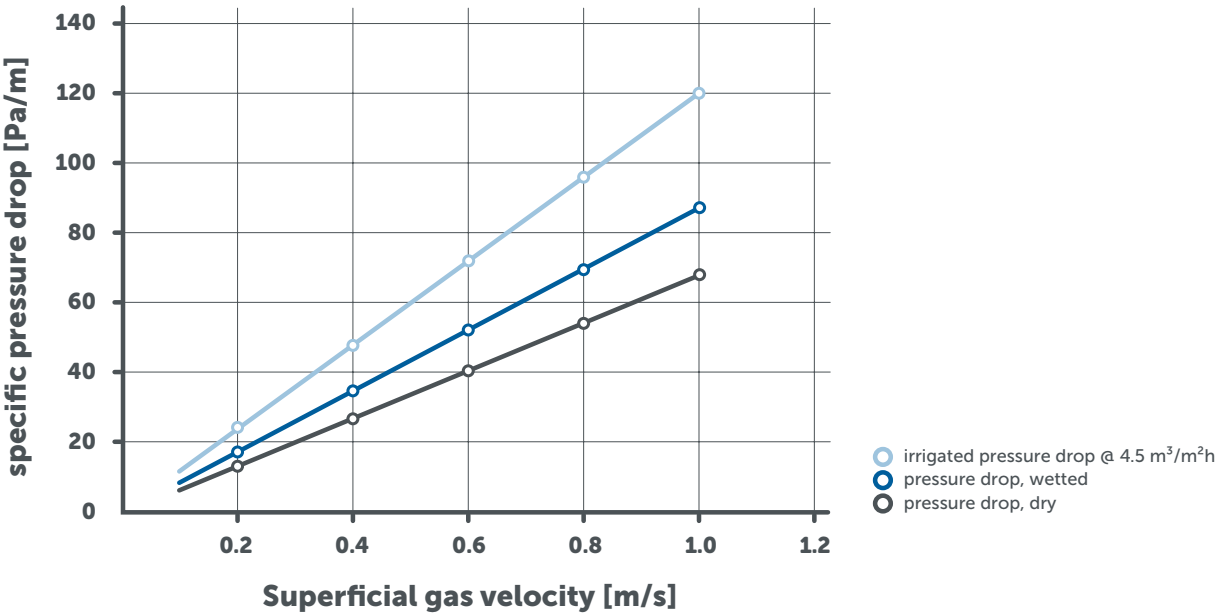
- Augmented efficiency of odor treatment by increased bacterial population in the reactor
- Enhanced removal of targeted odor compounds by controlling the micro-environment in the reactor to proliferate the growth of specific bacterial species
- Significant reduction of compression by engineering flow channels and chambers

Proprietary structured design for superior performance in exhaust air cleaning. ODORdek 550 structured packings offer a longer media life and a controlled steady-state process for long-term consistent uniform performance.

Technical Data	
	PP/PUR
Void ratio	95 %
Specific surface area	550 m^2/m^3
Standard layer height	300 mm
Maximum length	2400 mm
Maximum width	600 mm
Maximum layer height	600 mm
Continuous operating temperature	60 °C
Max. application temperature	80 °C

Maximum tolerances:
On all dimensions +/- 20 mm or 2 %, whichever is the greater. Tighter tolerances and dimensions by prior agreement.

Pressure drop



The elimination capacity for MEK is as high as 160 g/m^3h, proved by ISWA - UNI Stuttgart

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