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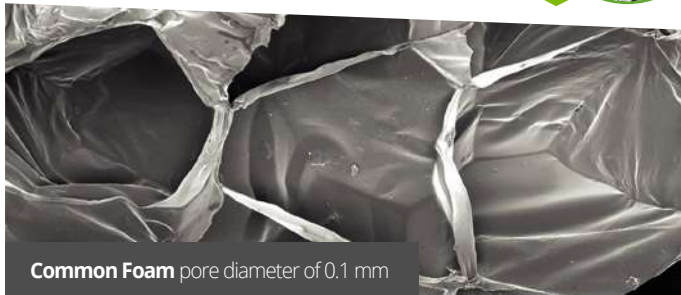
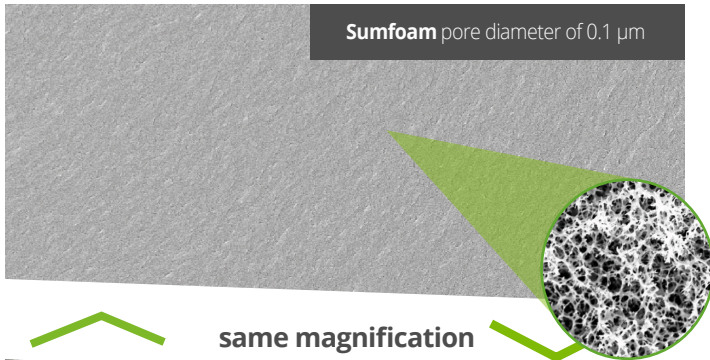
Sumfoam

High Performance Insulation

Sumfoam

One of the biggest challenges for the insulation industry is to offer high-performance insulation materials in the face of increasingly higher energy standards. With a pore structure in the nanometer range, the Sumfoam material class reduces heat conduction to a minimum and thus masters this challenge. In addition, its enormous stability and ease of handling combined with its low density make the nanofoam unique for applications in insulating plaster, lightweight concrete and as blow-in insulation.

-  Outstanding insulation performance
-  Extremely stable
-  Excellent price-performance ratio
-  Foamed with climate-friendly blowing agent
-  100% recyclable






Technical specifications

Material	Foamed acrylic copolymer
Form	Granulate / Flakes / Powder
Pore structure	Open-cellular
Temperature range	-270 °C to +80 °C
Surface nature	Hydrophobic
Bulk density	0.08 – 0.12 g/ml
BET surface	> 100 m ² /g
Pore size	< 50 nm
Porosity	> 85%

Insulation values in the application

Blow-in insulation	< 25 mW/mK
Insulation plaster	< 40 mW/mK
Lightweight concrete	< 200 mW/mK

Fields of Application

-  Insulation plaster for the refurbishment of old buildings and new construction
-  Blow-in insulation for double-skin masonry walls
-  Insulating lightweight concrete for walls, ceilings and other construction elements

