

TECHNICAL DATA:

DAEMMSTATT D, KLIMA-TEC-FLOCK, biocell

Technical approval	European Technical Approval ETA-04/0080 according to EAD 040138-01-1201	
Composition	Newspaper fibres ≥ 90 %, flame retardant	
Application	Thermal and acoustic cellulose fibre insulation for mechanical installation in wet or dry application	
Wood preservation	DE	Applicable in constructions to DIN 68800-2
Certification body		MPA NRW
natureplus Certificate		No. 0107-1410-128-1
Thermal conductivity λ	EU	0,037 W/(m · K) at 25–65 kg/m ³
	DE	Nominal value λ_D according to ETA-04/0080 0,039 W/(m · K) bei 25–65 kg/m ³ Rated value λ_B according to LBO
Density ¹⁾		25–50 kg/m ³ open blowing
		38–65 kg/m ³ cavity filling
		30–65 kg/m ³ CSO procedure ²⁾
Specific heat capacity c		2,11 kJ / kg K
Reaction to fire	EU	According to DIN EN 13501-1: B-s2,d0 / E according to ETA-04/0080
	DE	B2 – normal inflammability
Water vapour diffusion resistance μ		1 – 2
Resistance to mould growth		No development according to ISO 846
Airflow resistance r		≥ 5 kPa · s/m ² at 25 kg/m ³ according to DIN EN 29053
Normal moisture		approx. 7 % at 23 °C and 50 % relative humidity
Primary renewable energy required ²⁾		0,8 MJ/kg
Total primary energy required (PEI n.E.) ²⁾		3,7 MJ/kg
Global warming potential (GWP) ²⁾		-1,2 kg CO ₂ eq/kg
Acidification potential (AP) ²⁾		1,1 g SO ₂ eq/kg
Ozone depletion potential (ODP) ²⁾		1,97 · 10 ⁻⁰⁸ kg CFC-11 eq/kg
Waste code no. (EAK)		170604 / 170904
Recycling		Separated, dry insulation material that can be re-used
Packaging		12,5 kg sacks, on pallets

¹⁾ The density used on site depends on the constructive requirements. The qualified installer receives instruction from the manufacturer on the necessary density to achieve compactness and avoid sagging.

²⁾ From the cradle to the gate for average cellulose insulation material.



Your advantages:

- Excellent values in heat, cold and acoustic protection
- hygroscopic and moisture regulative
- Fire-safety tested
- All insulation thicknesses and shapes achieved without gaps or waste using one material
- Highly cost-effective
- Lowest production energy consumption of all industrially manufactured insulation materials
- High standard of training for installers

We will be pleased to answer your questions:

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