

TECHNICAL DATA:

isofloc F, DÄMMSTATTs CI 040, KLIMA-tec-FLOCK, biocell

Technical approval	EU	European Technical Approval ETA-04/0080
Composition		Newspaper fibres $\geq 90\%$, flame retardant (light metal salts and boric acid)
Application		Thermal and acoustic cellulose fibre insulation for mechanical installation in wet or dry processes
Wood preservation	DE	Applicable in all constructions according to DIN 68800-2
Notified Certification Body		MPA NRW (0432)
Natureplus certification		Nr. 0107-1410-128-1
Thermal conductivity λ	EU	0,037 W/(m · K) bei 25–65 kg/m ³ Declared value λ_D according to ETA-04/0080
	DE	0,038 W/(m · K) bei 25–65 kg/m ³ Rated value λ_B
Density ¹⁾		25–50 kg/m ³ open-blown
		40–65 kg/m ³ cavity-filling
		30–65 kg/m ³ spray on
Specific heat capacity c		2150 J/(kg · K)
Reaction to fire	EU	According to DIN EN 13501-1: B-s2,d0 / E according to ETA-04/0080
	DE	Normal flammability
Water vapour diffusion resistance μ		1 – 2
Resistance to mould growth		No development according to ISO 846
Airflow resistance r		≥ 6 kPa · s/m ² at 35 kg/m ³ according to DIN EN 29053
Normal moisture		Approx. 7 % at 23 °C and 50 % rel. humidity
Environmental Product Declaration		Core-EPD in accordance with EN 15804 and ISO 14025, third part verified
Recycling		Separated and dry insulating material can be reemployed
Packaging		11,5 kg PE bags stretched on pallets



The benefits to you:

- Outstanding performance for protection against heat, cold and sound
- Hygroscopic and moisture regulative
- Tested fire safety
- Perfect fit for every thickness and shape with only one material
- Excellent profitability
- Lowest production-energy consumption of all industrially-produced insulation materials
- High-quality installer training

We shall be happy to answer any questions you might have:

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¹⁾ The density selected on the build depends on the design requirements. The manufacturer provides specialist installers with information for a compacting that is free of settlement.