

# DÄMMSTATTs

## CI 040



### TECHNICAL DATA SUMMARY:

Approval	EU	European Technical Approval ETA-04/0080
	D	German national technical approval Z-23.16-1554
	F	Avis Techniques CSTB CSTB - DTA n° 20/07-115 exposed CSTB - DTA n° 20/07-116 in wall cavity
Composition	Newspaper fibres, additives < 10 %	
Application	Cellulose insulation for mechanical processing in wet and dry processes in heat- and sound-proofing constructions	
External monitoring	MPA NRW	
Thermal conductivity $\lambda$	EU	0,037 W/(m · K) at 25-65 kg/m <sup>3</sup> rated value $\lambda_D$ according to ETA-04/0080
	D	0,039 W/(m · K) at 25-65 kg/m <sup>3</sup> rated value
	F	0,038 W/(m · K) exposed 0,039 W/(m · K) per CSO / blow-in Avis Techniques CSTB
Gross density*	25-50 kg/m <sup>3</sup> exposed 40-65 kg/m <sup>3</sup> cavity-filling 30-65 kg/m <sup>3</sup> CSO process	
Specific thermal capacity c	2150 J/(kg · K)	
Behaviour under fire	EU	B-s2,d0 according to DIN EN 13501-1 according to ETA-04/0080
	D	E according to DIN EN 13501-1 corresponds to B2 according to DIN 4102
Steam diffusion resistance $\mu$	1 - 2	
Resistance to mould growth	No development according to ISO 846	
Length-specific current resistance r	$\geq 6 \text{ kPa} \cdot \text{s/m}^2$ at 35 kg/m <sup>3</sup> according to DIN EN 29053	
Equilibrium water content	approx. 7 % at 23 °C and 50% rel. humidity	
Sorption moisture	approx. 14 % at 23 °C and 80% rel. humidity	
Recycling	Separated and dry insulating material can be recycled	
Packaging	11,5 kg sacks on pallets	

\* The gross density selected on the build depends on the design requirements. The manufacture can provide specialist processors with actual details for settling compaction.



### The benefits to you:

- Outstanding values for heat and cold insulation and sound protection
- Hygroscopic and moisture balancing
- Tested fire safety
- One material, all insulation thicknesses and shapes, no joins or cutting
- Excellent profitability
- Lowest production-energy consumption of all industrially-produced insulation materials
- High-quality personnel training

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

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