

TECHNICAL DATA:

Technical approval	EU European Technical Approval ETA-05/0226
Insulation material	Waste paper
Application	Thermal and acoustic cellulose fibre insulation for mechanical installations in wet or dry processes
Wood preservation	D Applicable in constructions according to DIN 68800-2
Notified Certification Body	EU MPA NRW
	CH EMPA
	D MPA NRW
Natureplus Certificate	Nr. 0107-2101-176-1
Thermal conductivity λ	EU 0.038 W/(m · K) at 30–60 kg/m ³ Declared value λ_D according to ETA-05/0226
	CH 0.038 W/(m · K) at 30–60 kg/m ³ SIA
	D 0.040 W/(m · K) at 30–60 kg/m ³ Rated value
Density ¹⁾	30–40 kg/m ³ open blown, < 10°
	40–60 kg/m ³ cavity-filling (ceiling, roof)
	45–60 kg/m ³ wall
	30–50 kg/m ³ spray on
Specific heat capacity c	2150 J/(kg · K)
Reaction to Fire	EU B-s2,d0 / E according to DIN EN 13501-1 and ETA-05/0226
	CH Fire coefficient 5.3 in accordance with VKF Agency Fire behaviour group RF 2 D \geq 100mm RF 3 (cr) D = 40-100 mm
	D E according to DIN EN 13501-1 corresponds to B2, DIN 4102
Water vapour diffusion resistance μ	1 – 2
Resistance to mould growth	No development according to ISO 846
Airflow resistance r	\geq 5 kPa · s/m ² at 30 kg/m ³
Normal moisture	Approx. 8 % at 23 °C and 50 % rel. humidity
Primary renewable energy expenditure ¹⁾	0.8 MJ/kg
Total primary energy expenditure 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
Environmental impact points ³⁾	350EIP/Kg
Waste code (EAK)	170604 / 170904
Recycling	Separated and dry insulating material can be reemployed
Packaging	350 kg big bales, 12,5 kg bags, palletized



- **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
- 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:

- CelluSWISS Sarl
- Rue Leschot 9 1205 Geneva SWITZERLAND
- Telefon: +41 (0)225520187
- E-Mail: info@cellubor.com



Produkt Bütschwil



Das Zeichen für verantwortungsvolle Waldwirtschaft

