



DÄMMJUTE PLUS

recycling jute insulation boards with plant based binding fibers

Description	Dämmjute PLUS
European Technical Assessment	ETA 20/0606
Components	82 – 86 % jute fibers, 11 – 13% bicomponent biopolymeric binding fibres, 3 - 5% soda
Basic Works Requirement 1: Mechanical resistance and stability	
<i>not relevant</i>	
Basic Works Requirement 2: Safety in case of fire	
Reaction to fire (DIN EN 13501-1)	Class E
Basic Works Requirement 3: Hygiene, health and environment	
Biological resistance (growth of mould fungus) <small>(Annex B of EAD 040005-00-1201, EN ISO 846))</small>	No performance assessed
Basic Works Requirement 4: Safety and accessibility in use	
<i>not relevant</i>	
Basic Works Requirement 5: Protection against noise	
<i>not relevant</i>	
Basic Works Requirement 6: Energy economy and heat retention	
Thermal conductivity $\lambda_D, 23,50$ <small>EN ISO 10456, Annex A of EAD 040005-00-1201)</small>	0,038 [W/m.K]
$\lambda_D, 23,80$ for germany	0,040 [W/m.K]
Water vapour diffusion resistance <small>(EN 12086)</small>	≤ 2.4
Water absorption (EN 1609, method A)	$\leq 3 \text{ kg/m}^2$
Geometry	
- width (DIN EN 822)	$\pm 1.5 \%$ T2 (according to EN 13171)
- thickness (DIN EN 823)	No performance assessed
- length	Note: According to EN 13171 there is no upper limit for length of mats
Density (EN 1602)	32 kg/m^3 tolerance: $\pm 15\%$
Dimensional stability under specified and humidity	$\leq 3\%$
Tensile strength parallel to faces (EN 1608)	$\geq 10 \text{ kPa}$

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