



**ECOINSULflex**

*ecological insulation for buildings*

- Excellent thermal and sound insulation
- Multipurpose usage for all parts of the building
- Breathing material preventing condensation
- Resistant to mildew, decay and pest
- Adjust to the frame shape and eliminate thermal bridges

**TECHNICAL SPECIFICATION**

Length and width	1100x600mm
Thickness	30 - 200 mm
Density	35 kg/m <sup>3</sup>
Thermal conductivity	$\lambda_{W}/(m.k.) - 0,039 - 0,040$
Binder	Pes Bico
Fire behaviour	class E, B2
European Technical Approval	ETA 16 - 0947
Components	90 % hemp fibres, 10 % bi-component fibres Pe-based
Delivery form	Mats
Standard dimension	1100 x 600 mm
Water vapour diffusion resistance $\mu$	$\leq 2$
Sound absorption	Class C
<b>Geometry</b>	
Length and width	$\pm 1,5 \%$
Thickness	$\pm 2 \%$
Density	$\pm 5 \%$

DIMENSIONS						
Art.	Thickness, mm.	Pcs./ package	Package/m <sup>2</sup>	Packs/pallet	Pallet, m <sup>2</sup>	Pallet, m <sup>3</sup>
EF030	30	16	10,56	10	105,6	3,168
EF040	40	12	7,92	10	79,2	3,168
EF050	50	10	6,6	10	66	3,3
EF060	60	8	5,28	10	52,8	3,168
EF080	80	6	3,96	10	39,6	3,168
EF100	100	5	3,3	10	33	3,3
EF120	120	4	2,64	10	26,4	3,168
EF140	140	3	1,98	10	19,8	2,772
EF160	160	3	1,98	10	19,8	3,168
EF180	180	3	1,98	8	15,84	2,8512
EF200	200	3	1,98	8	15,84	3,168
Board size is 110x60 cm, pallet size is 1,1 x 1,2 x 2,6 m.						
Special sizes and dimensions of boards possible on request.						

## ADVANTAGES

- Water vapour, stabilisation moisture in the interior
- Resist weathering year round
- Ensures thermal stability indoor interior
- Fire protection and sound insulation
- Has excellent accumulation capabilities
- Regulates moisture
- Long service life product
- Is eco-friendly, very easy during installation
- Helps fight allergic reactions to people who suffer from some form of allergy