

SYLVACTIS 55 FX

WOOD FIBRE INSULATION BATT WF-EN 13171 – T3 – MU2 – AF5

Thermal insulation product SYLVACTIS 55 FX with a declared thermal conductivity value of 0.036 W/m.K, composed of 92% fire-retardant treated natural wood fibres and 8% polyester binder.

Available in flexible batts with a density of 50 kg/m³ and designed for the insulation of:

- **Roofs from the inside:** between rafters and under rafters in crossed layers
- **Walls from the inside:** external walls, between studs in timber frame buildings, partition walls
- **Walls from the outside:** behind ventilated cladding
- **Floors:** between joists, between I-joists, non-habitable attic floors



Complies with
EN 13171

PROPERTY	STANDARD	UNIT	VALUE									
Declared thermal conductivity	EN 10456	W/m.K	0.036									
Thickness (T3)	EN 823	mm	40	60	80	100	120	140	160	180	200	
Declared thermal resistance R _p	EN 10456	m ² .K/W	1.11	1.67	2.22	2.78	3.33	3.89	4.44	5.00	5.56	
Euroclass fire rating	EN 11925-2	-	E									
Tensile strength parallel to faces	EN 1608	kPa	≥ 20									
Dimensional stability in laboratory conditions	EN 1603	-	0 %									
Dimensional stability in specified temperature and humidity conditions	EN 1604	-	< 1 %									
Width	EN 822	mm	375 / 575 / 600 / 750 (± 1.5 %)									
Length		mm	1 200 (± 2 %)									
Squareness	EN 824	mm/m	< 4									
Flatness	EN 825	mm	0									

Additional properties to CE marking												
Density	EN 1602	kg/m ³	50									
Air flow resistance (AF)	EN 29053	kPa.s/m ³	≥ 5									
Water vapour diffusion resistance factor (μ)	EN 12086	-	≤ 2									
Water vapour permeability S _d		m	0.08	0.12	0.16	0.20	0.24	0.28	0.32	0.36	0.40	
Specific heat capacity C _p	EN 10456	J/kg.K	2000									
Maximum temperature range	-	°C	- 50 and + 110									

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