

Environmentally-friendly insulation system made from natural wood fibres

Wood fiber underlay board from the dry process



The heat-insulating sarking and sheathing boards for new build and renovation



Areas of Application

Sheathing board for both pitched roof and wall constructions

Insulated wall panel made from natural wood fibres

- Available in thicknesses up to 160 mm
- High specification lightweight homogenous board
- Excellent insulation qualities
- Enhances airtightness performance
- Water vapour open, suitable for warm roofs
- May be left exposed for up to 4 weeks during construction
- For roof pitches $\geq 16^\circ$
- Helps to regulate the indoor climate
- Ecological and environmentally friendly, fully recyclable



Das Zeichen für verantwortungsvolle Waldbewirtschaftung

STEICO NEWSLETTER

Receive relevant news for the woodworker and carpenter digitally every three weeks: current technical developments, new construction solutions, and much more.

steico.com/newsletter



Board dimensions and packaging specifications of STEICO^{universal} dry

Thickness [mm]	Length [mm]	Width [mm]	Edge	Pieces/Palett	m ² /Palett		Weight/m ² [kg]	Weight/Palett [kg]
					Brutto	Netto		
35	2.230	600	N + F	64	85,632	81,144	7,35	ca. 635
60	1.880	600	N + F	38	42,864	40,532	10,80	ca. 460
80	1.880	600	N + F	28	31,584	29,866	14,40	ca. 440
100	1.880	600	N + F	22	24,816	23,466	18,00	ca. 433

Characteristic values STEICO^{universal} dry

Produced and supervised according to	DIN EN 13171 und DIN EN 14964
Board designation	WF-EN13171-T5-DS(70,-)2-CS(10W)200-TR30-WS1,0-MU3 EN-14964-IL
Fire class according to DIN EN 13501-1	E
Declared thermal conductivity λ_D [W/(m * K)]	0,045 (35 mm) / 0,043 (≥ 60 mm)
Declared thermal resistance R_D [(m ² * K)/W]	0,75 (35) / 1,35 (60) / 1,85 (80) / 2,30 (100)
Density [kg/m ³]	ca. 210 / ca. 180 (≥ 60 mm)
Water vapour diffusion resistance factor μ	3
s_d value [m]	0,11 (35) / 0,18 (60) / 0,24 (80) / 0,30 (100)
Short-term water absorption [kg/m ²]	$\leq 1,0$
Specific heat capacity [J/(kg * K)]	2.100
Compression strenght at 10% deformation σ_{10} [N/mm ²]	0,20
Compression strenght [kPa]	200
Tensile strenght perpendicular to face $\perp$ [kPa]	≥ 30
Declared level of airflow resistance [(kPa * s)/m ²]	≥ 100
Raw material – natural resin	wood fibre, polyurethane resin, paraffin wax
Waste code (EAK/AVV)	030105/170201, disposable like wood and wood products



STEICO
Das Naturbausystem

Ihr STEICO Partner

www.steico.com