

# STEICO duo

Combined insulated sheathing and render board

Environmentally friendly insulation system  
made from natural wood fibres



Sheathing and  
rendering in one



## | AREAS OF APPLICATION

Wood fibre board for render application on external walls.

**Sheathing board** for both pitched roof and wall constructions.

**Insulated wall panel** for use behind a rain screen.

## | MATERIAL

Wood fibre insulation batt produced in accordance with EN 13171 and with ongoing quality supervision.

STEICO uses wood from sustainably managed forests, certified according to the strict guidelines of the FSC® or PEFC®

- Cost effective solution: only one board for both roof and wall construction
- Insulation boards from both the wet and dry process
- Instant weather protection due to proven T&G profile
- Wood fibre insulation board for render applications
- Water repellent yet vapour open boards for robust constructions
- Excellent insulating properties in winter as well as summer and good acoustic performance
- Ideal for air-injected insulation from 40 mm board thickness
- Ecological, environmentally friendly and recyclable like natural timber

For more information please visit our website at [www.steico.com](http://www.steico.com)



**STEICO** duo

Manufactured in wet process

**STEICO** duo dry

Manufactured in dry process

### RECOMMENDATIONS

Store flat, even and in a dry area.

Protect edges against damage.

For dust extraction please refer to national requirements.

### HANDLING

Please contact STEICO Technical.

### PACKAGING

Thickness [mm]	40	60	40	60
Size [mm]	1,880 * 600			
Coverage [mm]	1,855 * 575			
Weight [kg/m <sup>2</sup> ]	10.60	15.90	7.20	10.80
Pieces / palett	56	38	56	38
Palett size [m <sup>2</sup> ]	63.2	42.9	63.2	42.9
Palett coverage [m <sup>2</sup> ]	59.7	40.5	59.7	40.5
Weight / palett [kg]	approx. 643	approx. 620	approx. 420	approx. 400

### CHARACTERISTIC VALUES

Board designation	WF - EN 13171 - T5 - DS(70/90)3 - CS(10\Y)150 - TR20 - WS1,0 - MU5	WF - EN 13171 - T5 - DS(70,90)3 - CS(10\Y)200 - TR30 - BS500 - WS1,0 - MU3
Edge profile	tongue & groove all 4 edges	
German ETICS Approval (AbZ)	Z-33.47-1581 STEICOsecure Timber	
Fire class according to EN 13501-1	E	
Declared thermal conductivity $\lambda_D$ [W/(m*K)]	0.048	0.043
Declared thermal resistance $R_D$ [(m <sup>2</sup> *K)/W]	0.80(40) / 1.25(60)	0.90(40) / 1.35(60)
Density [kg/m <sup>3</sup> ]	approx. 265	approx. 180
Water vapour diffusion resistance value $\mu$	5	3
Sd value[m]	0.20(40) / 0.30(60)	0.12(40) / 0.18(60)
Specific heat capacity c [J/(kg*K)]	2,100	
Compression strength [kPa]	180	200
Short term water absorption [kg/m <sup>2</sup> ]	≤ 1.0	
Tensile strength perpendicular to face [kPa]	20	30
Ingredients	wood fibres, aluminium sulfate, paraffine, bond between layers	wood fibres, PUR-resin, paraffine
Waste Code (AVV)	030105 / 170201, disposal like wood and engineered wood products	



**FORUM HOLZBAU**  
PREMIUM PARTNER

Quality Management  
ISO 9001:2015

**STEICO**  
engineered by nature

Your STEICO partner



Life Panels is the Australasian import and distribution partner of Steico.

[www.LifePanels.com](http://www.LifePanels.com)

[www.steico.com](http://www.steico.com)

