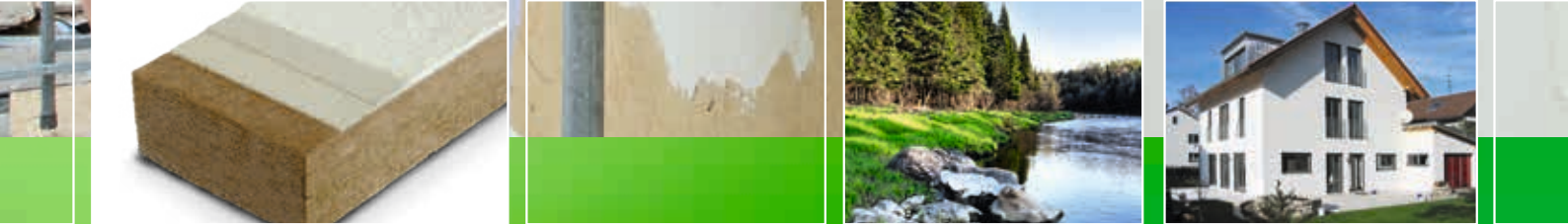


Environmentally friendly insulation system made from natural wood fibres



## Robust wood fibre insulation board for ecological facades



### Areas of application

For rendered facades in timber and masonry construction

- Particularly ecological, produced without additional glues
- Excellent summer heat protection
- Good fire resistance
- Can be used with STEICO air-injected insulation systems from 40 mm thick (Type H)
- Available in large format boards for prefabricated systems



## Packaging of STEICOprotect

### Easy to handle format for site installation

Type	Size [mm]	Cover. dim [mm]	Edge profile	Thickness [mm]	Pieces / palett	Weight [kg/m <sup>2</sup> ]	Pallet coverage [m <sup>2</sup> ]	Pallet weight [kg]
H	1325 * 600	1300 * 575	T & G	40	56	10.00	44.5	ca. 482
H	1325 * 600	1300 * 575		60	38	15.00	30.2	ca. 490
M	1325 * 600	1300 * 575		80	28	17.60	22.3	ca. 420
M	1325 * 600	1300 * 575		100	22	22.00	17.5	ca. 413

Pallet size: ca. 1.33 \* 1.21 \* 1.30 m

### Large board format for factory installation

Type	Size [mm]	Cover. dim [mm]	Edge profile	Thickness [mm]	Pieces / palett	Weight [kg/m <sup>2</sup> ]	Pallet coverage [m <sup>2</sup> ]	Pallet weight [kg]
H <sup>1)</sup>	2800 * 1250	2800 * 1250	Square edge	40	28	10.00	98.0	ca. 1049
H <sup>1)</sup>	2800 * 1250	2800 * 1250		60	19	15.00	66.5	ca. 1070
M <sup>1)3)</sup>	2800 * 1250	2800 * 1250		80	14	17.60	49.0	ca. 912
M <sup>1)3)</sup>	2800 * 1250	2800 * 1250		100	11	22.00	38.5	ca. 896
H <sup>2)3)</sup>	2625 * 1175	2600 * 1150	T & G	40	28	10.00	86.4	ca. 926
H <sup>2)3)</sup>	2625 * 1175	2600 * 1150		60	19	15.00	58.6	ca. 942
M <sup>2)3)</sup>	2625 * 1175	2600 * 1150		80	14	17.60	43.2	ca. 805

### Reveal board for detailing

Type	Size [mm]	Cover. dim [mm]	Edge profile	Thickness [mm]	Pieces / palett	Weight [kg/m <sup>2</sup> ]	Pallet coverage [m <sup>2</sup> ]	Pallet weight [kg]
H	1350 * 500	1350 * 500	Square edge	20	112	5.00	75.6	ca. 403
H <sup>4)</sup>	1350 * 500	1350 * 500		20	6	5.00	4.1	ca. 22

Pallet size: ca. 1.35 \* 1.00 \* 1.24 m

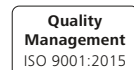
## Characteristic values STEICOprotect

Parameters	Type M	Type H
Produced and supervised according to EN 13171	WF EN 13171-T5-DS(70/90)3-CS(10\Y)100-TR15(30)-WS1,0-MU5	WF EN 13171-T5-DS(70/90)3-CS(10\Y)150-TR20(30)-WS1,0-MU5
Fire class according to EN 13501-1	E	
Declared thermal conductivity $\lambda_D$ [W/(m*K)]	0.046	0.048
Board density [kg/m <sup>3</sup> ]	ca. 230	ca. 265
Declared thermal resistance $R_D$ [(m <sup>2</sup> *K)/W]	1,74 (80) / 2,17 (100)	0,83 (40) / 1,25 (60)
Water vapour diffusion resistance factor $\mu$	5	
Specific heat capacity $c$ [J/(kg*K)]	2.100	
Compression strength [kPa]	100	150
Tensile strength perpendicular to face [kPa]	15	20
Raw material	wood fibre, aluminium sulphate, paraffin, bond between layers	
Waste code (AVV)	030105/170201, Disposable like wood and wood products	

1) Pallet size: ca. 2.80 \* 1.25 \* 1.30 m

2) Pallet size: ca. 2.63 \* 1.18 \* 1.30 m

3) Non stocked item – Availability on request



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engineered by nature

Your STEICO partner

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