

DECLARATION OF PERFORMANCE

Identification codes of the products

CELENIT N, CELENIT S, CELENIT N/C, CELENIT NB, CELENIT A, CELENIT AB,
CELENIT AE, CELENIT ABE, CELENIT P2, CELENIT P3, CELENIT G2, CELENIT G3,
CELENIT G3/C, CELENIT L3, CELENIT L3/C, CELENIT E3

Identification of the products (art. 11 clause 4 of CPR)

Boards made of mineralized wood wool bonded with mineral binder (Portland cement)

Intended use of the products

Thermal and acoustic insulation in buildings.

Name of the manufacturer and address

CELENIT S.p.A.
Via Bellinghiera,17 - 35019 Onara di Tombolo (PD)

System of assessment and verification of constancy of performance

System 3 according to EU Regulation 305/2011

Name and address of notified bodies that performed the tests

SP Technical Research Institute of Sweden
Notified Testing Institute number: 0402
SE-501 15 Borås - Sweden
LAPI SPA
Notified testing Institute number: 0987
Via della Quercia, 11
59100 Prato - Italy

Declaration of performance

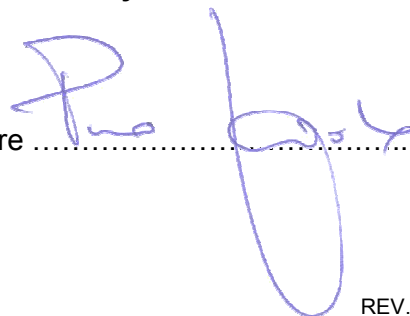
See enclosure

This declaration of performance is issued under the sole responsibility of the manufacturer

Piero Svegliado, CEO

Onara di Tombolo, 01/07/2013

Signature



Declared performance

CELENIT N - CELENIT S

Essential characteristics	Performance	Harmonized technical specification UNI EN 13168:2013
Declared thermal resistance		4.2.1
Thickness 15 mm	0,20 m ² K/W	
Thickness 20 mm	0,30 m ² K/W	
Thickness 25 mm	0,35 m ² K/W	
Thickness 30 mm	0,45 m ² K/W	
Thickness 35 mm	0,50 m ² K/W	
Thickness 40 mm	0,60 m ² K/W	
Thickness 50 mm	0,75 m ² K/W	
Thickness 75 mm	1,15 m ² K/W	
Length, width, thickness	L2-W1-T1	4.2.2 and 4.2.3
Squareness	S2	4.3.3
Chloride content	Cl2	4.2.6
Reaction to fire	B-s1,d0	4.2.8
Compressive stress at 10% deformation (thick. 15-40 mm)	CS(10)200	4.3.4
Compressive stress at 10% deformation (thick. 50-75 mm)	CS(10)150	4.3.4
Short term water absorption	WS5	4.3.9
Water vapour transmission	MU5	4.3.8

NOTE: performance related to other characteristics, listed in the harmonized standard UNI EN 13168, but not relevant for the intended use of our products: NPD

Declared performance

CELENIT N/C

Essential characteristics	Performance	Harmonized technical specification UNI EN 13168:2013
Resistenza termica dichiarata Thickness 25 mm Thickness 35 mm Thickness 50 mm Thickness 75 mm	0,35 m ² K/W 0,50 m ² K/W 0,75 m ² K/W 1,15 m ² K/W	4.2.1
Length, width, thickness	L4-W2-T2	44.2.2 and 4.2.3
Squareness	S2	4.3.3
Chloride content	Cl2	4.2.6
Reaction to fire	B-s1,d0	4.2.8
Compressive stress at 10% deformation (thick. 15-40 mm)	CS(10)200	4.3.4
Compressive stress at 10% deformation (thick. 50-75 mm)	CS(10)150	4.3.4
Short term water absorption	WS5	4.3.9
Water vapour transmission	MU5	4.3.8

NOTE: performance related to other characteristics, listed in the harmonized standard UNI EN 13168, but not relevant for the intended use of our products: NPD

Declared performance

CELENIT NB

Essential characteristics	Performance	Harmonized technical specification UNI EN 13168:2013
Resistenza termica dichiarata Thickness 15 mm Thickness 25 mm Thickness 35 mm Thickness 50 mm	0,20 m ² K/W 0,35 m ² K/W 0,50 m ² K/W 0,75 m ² K/W	4.2.1
Length, width, thickness	L4-W2-T2	4.2.2 and 4.2.3
Squareness	S2	4.3.3
Chloride content	Cl3	4.2.6
Reaction to fire	B-s1,d0	4.2.8
Compressive stress at 10% deformation (thick. 15-40 mm)	CS(10)200	4.3.4
Compressive stress at 10% deformation (thick. 50-75 mm)	CS(10)150	4.3.4
Short term water absorption	WS5	4.3.9
Water vapour transmission	MU5	4.3.8

NOTE: performance related to other characteristics, listed in the harmonized standard UNI EN 13168, but not relevant for the intended use of our products: NPD

Declared performance

CELENIT A

Essential characteristics	Performance	Harmonized technical specification UNI EN 13168:2013
Resistenza termica dichiarata Thickness 15 mm Thickness 25 mm Thickness 35 mm Thickness 50 mm	0,20 m ² K/W 0,35 m ² K/W 0,50 m ² K/W 0,75 m ² K/W	4.2.1
Length, width, thickness	L4-W2-T2	4.2.2 and 4.2.3
Squareness	S2	4.3.3
Flatness	P2	4.2.5
Chloride content	Cl2	4.2.6
Reaction to fire	B-s1,d0	4.2.8
Compressive stress at 10% deformation	CS(10)200	4.3.4
Short term water absorption	WS5	4.3.9
Water vapour transmission	MU5	4.3.8

NOTE: performance related to other characteristics, listed in the harmonized standard UNI EN 13168, but not relevant for the intended use of our products: NPD

Declared performance

CELENIT AB

Essential characteristics	Performance	Harmonized technical specification UNI EN 13168:2013
Resistenza termica dichiarata Thickness 15 mm Thickness 25 mm Thickness 35 mm Thickness 50 mm	0,20 m ² K/W 0,35 m ² K/W 0,50 m ² K/W 0,75 m ² K/W	4.2.1
Length, width, thickness	L4-W2-T2	4.2.2 and 4.2.3
Squareness	S2	4.3.3
Flatness	P2	4.2.5
Chloride content	Cl3	4.2.6
Reaction to fire	B-s1,d0	4.2.8
Dimensional stability under specified temperature and humidity conditions	DS(70,90)	4.3.2.1
Compressive stress at 10% deformation	CS(10)200	4.3.4
Short term water absorption	WS5	4.3.9
Water vapour transmission	MU5	4.3.8

NOTE: performance related to other characteristics, listed in the harmonized standard UNI EN 13168, but not relevant for the intended use of our products: NPD

Declared performance

CELENIT AE

Essential characteristics	Performance	Harmonized technical specification UNI EN 13168:2013
Declared thermal resistance Thickness 15 mm Thickness 25 mm Thickness 35 mm	0,20 m ² K/W 0,30 m ² K/W 0,45 m ² K/W	4.2.1
Length, width, thickness	L4-W2-T2	4.2.2 and 4.2.3
Squareness	S2	4.3.3
Flatness	P2	4.2.5
Chloride content	Cl2	4.2.6
Reaction to fire	B-s1,d0	4.2.8
Dimensional stability under specified temperature and humidity conditions	DS(70,90)	4.3.2.1
Compressive stress at 10% deformation)	CS(10)300	4.3.4
Short term water absorption	WS5	4.3.9
Water vapour transmission	MU5	4.3.8

NOTE: performance related to other characteristics, listed in the harmonized standard UNI EN 13168, but not relevant for the intended use of our products: NPD

Declared performance

CELENIT ABE

Essential characteristics	Performance	Harmonized technical specification UNI EN 13168:2013
Declared thermal resistance Thickness 15 mm Thickness 25 mm Thickness 35 mm	0,20 m ² K/W 0,30 m ² K/W 0,45 m ² K/W	4.2.1
Length, width, thickness	L4-W2-T2	4.2.2 and 4.2.3
Squareness	S2	4.3.3
Flatness	P2	4.2.5
Chloride content	Cl3	4.2.6
Reaction to fire	B-s1,d0	4.2.8
Dimensional stability under specified temperature and humidity conditions	DS(70,90)	4.3.2.1
Compressive stress at 10% deformation	CS(10)300	4.3.4
Short term water absorption	WS5	4.3.9
Water vapour transmission	MU5	4.3.8

NOTE: performance related to other characteristics, listed in the harmonized standard UNI EN 13168, but not relevant for the intended use of our products: NPD

Declared performance

CELENIT P2

Essential characteristics	Performance	Harmonized technical specification UNI EN 13168:2013
Declared thermal resistance Thickness 30 mm Thickness 40 mm Thickness 50 mm Thickness 75 mm Thickness 100 mm	0,55 m ² K/W 0,80 m ² K/W 1,10 m ² K/W 1,75 m ² K/W 2,40 m ² K/W	4.2.1
Length, width, thickness	L2-W1-T1	4.2.2 and 4.2.3
Squareness	S2	4.3.3
Chloride content	Cl2	4.2.6
Reaction to fire	E	4.2.8
Compressive stress at 10% deformation	CS(10)75	4.3.4
Tensile strength perpendicular to faces	TR20	4.2.7

NOTE: performance related to other characteristics, listed in the harmonized standard UNI EN 13168, but not relevant for the intended use of our products: NPD

Declared performance

CELENIT P3

Essential characteristics	Performance	Harmonized technical specification UNI EN 13168:2013
Declared thermal resistance Thickness 25 mm Thickness 35 mm Thickness 50 mm Thickness 75 mm Thickness 100 mm	0,45 m ² K/W 0,70 m ² K/W 1,10 m ² K/W 1,75 m ² K/W 2,40 m ² K/W	4.2.1
Length, width, thickness	L2-W1-T1	4.2.2 and 4.2.3
Squareness	S2	4.3.3
Chloride content	Cl2	4.2.6
Reaction to fire	E	4.2.8
Compressive stress at 10% deformation	CS(10)75	4.3.4
Tensile strength perpendicular to faces)	TR20	4.2.7
Short term water absorption	WS3	4.3.9
Water vapour transmission	MU43	4.3.8

NOTE: performance related to other characteristics, listed in the harmonized standard UNI EN 13168, but not relevant for the intended use of our products: NPD

Declared performance

CELENIT G2

Essential characteristics	Performance	Harmonized technical specification UNI EN 13168:2013
Declared thermal resistance Thickness 50 mm Thickness 75 mm Thickness 100 mm	1,35 m ² K/W 2,15 m ² K/W 2,95 m ² K/W	4.2.1
Length, width, thickness	L2-W1-T1	4.2.2 and 4.2.3
Squareness	S2	4.3.3
Chloride content	Cl2	4.2.6
Reaction to fire	E	4.2.8
Compressive stress at 10% deformation	CS(10)50	4.3.4
Tensile strength perpendicular to faces	TR20	4.2.7

NOTE: performance related to other characteristics, listed in the harmonized standard UNI EN 13168, but not relevant for the intended use of our products: NPD

Declared performance

CELENIT G3

Essential characteristics	Performance	Harmonized technical specification UNI EN 13168:2013
Declared thermal resistance Thickness 25 mm Thickness 35 mm Thickness 50 mm Thickness 75 mm Thickness 100 mm	0,50 m ² K/W 0,85 m ² K/W 1,35 m ² K/W 2,15 m ² K/W 2,95 m ² K/W	4.2.1
Length, width, thickness	L2-W1-T1	4.2.2 and 4.2.3
Squareness	S2	4.3.3
Chloride content	Cl2	4.2.6
Reaction to fire	E	4.2.8
Compressive stress at 10% deformation	CS(10)50	4.3.4
Tensile strength perpendicular to faces	TR20	4.2.7
Short term water absorption	WS3	4.3.9
Water vapour transmission	MU27	4.3.8

NOTE: performance related to other characteristics, listed in the harmonized standard UNI EN 13168, but not relevant for the intended use of our products: NPD

Declared performance

CELENIT G3/C

Essential characteristics	Performance	Harmonized technical specification UNI EN 13168:2013
Declared thermal resistance Thickness 50 mm Thickness 75 mm Thickness 100 mm	1,35 m ² K/W 2,15 m ² K/W 2,95 m ² K/W	4.2.1
Length, width, thickness	L4-W2-T1	4.2.2 and 4.2.3
Squareness	S2	4.3.3
Chloride content	Cl2	4.2.6
Reaction to fire	E	4.2.8
Compressive stress at 10% deformation	CS(10)50	4.3.4
Tensile strength perpendicular to faces	TR20	4.2.7
Short term water absorption	WS3	4.3.9
Water vapour transmission	MU27	4.3.8

NOTE: performance related to other characteristics, listed in the harmonized standard UNI EN 13168, but not relevant for the intended use of our products: NPD

Declared performance

CELENIT L3

Essential characteristics	Performance	Harmonized technical specification UNI EN 13168:2013
Declared thermal resistance Thickness 35 mm Thickness 50 mm Thickness 75 mm Thickness 100 mm	0,65 m ² K/W 1,00 m ² K/W 1,60 m ² K/W 2,20 m ² K/W	4.2.1
Length, width, thickness	L2-W1-T1	4.2.2 and 4.2.3
Squareness	S2	4.3.3
Chloride content	Cl2	4.2.6
Reaction to fire	B-s1, d0	4.2.8
Compressive strength	CS(Y)50	4.3.4
Tensile strength perpendicular to faces	TR20	4.2.7
Short term water absorption	WS3	4.3.9
Water vapour transmission	MU3	4.3.8

NOTE: performance related to other characteristics, listed in the harmonized standard UNI EN 13168, but not relevant for the intended use of our products: NPD

Declared performance

CELENIT L3/C

Essential characteristics	Performance	Harmonized technical specification UNI EN 13168:2013
Declared thermal resistance Thickness 50 mm Thickness 75 mm Thickness 100 mm	1,00 m ² K/W 1,60 m ² K/W 2,20 m ² K/W	4.2.1
Length, width, thickness	L4-W2-T1	4.2.2 and 4.2.3
Squareness	S2	4.3.3
Chloride content	Cl2	4.2.6
Reaction to fire	B-s1, d0	4.2.8
Compressive strength	CS(Y)50	4.3.4
Tensile strength perpendicular to faces	TR20	4.2.7
Short term water absorption	WS3	4.3.9
Water vapour transmission	MU3	4.3.8

NOTE: performance related to other characteristics, listed in the harmonized standard UNI EN 13168, but not relevant for the intended use of our products: NPD

Declared performance

CELENIT E3

Essential characteristics	Performance	Harmonized technical specification UNI EN 13168:2013
Declared thermal resistance Thickness 35 mm Thickness 50 mm Thickness 75 mm Thickness 100 mm	0,80 m ² K/W 1,25 m ² K/W 1,90 m ² K/W 2,45 m ² K/W	4.2.1
Length, width, thickness	L2-W1-T1	4.2.2 and 4.2.3
Squareness	S2	4.3.3
Chloride content	Cl2	4.2.6
Reaction to fire	E	4.2.8
Compressive strength	CS(Y)300	4.3.4
Tensile strength perpendicular to faces	TR20	4.2.7
Short term water absorption	WS3	4.3.9
Water vapour transmission	MU84	4.3.8

NOTE: performance related to other characteristics, listed in the harmonized standard UNI EN 13168, but not relevant for the intended use of our products: NPD