



EC Declaration of Performance



Calcium Silicate Boards (CS)

Skamol A/S
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www.skamol.com

Supplier

Skamol A/S
 Østergade 58-60
 DK-7900 Nykøbing Mors

Place of production

Skamol A/S
 Calciumsilicate plant
 DK-7870 Roslev

Notified body

Dansk Brand- og sikringsteknisk Institut (DBI)
 Jernholmen 12
 DK-2650 Hvidovre

Product application

Thermal insulation of products for building equipment and industrial installations.

Type of Calcium Silicate board, which is in conformity with the declared performance.

Product type	Density kg/m ³
S-ISOL	225
S-ISOL WR	225
S-1100 E	245
S-1100 E WR	245

Certificates of conformity

EC Certificate of conformity No: 2531-CPR-CXO10002

Regulations of CE-marking according to EN14306:2009+A1:2013, Annex ZA, Fire Class A2, system 1

Notified body: DBI 2531, Third party tasks performed according to appendix V part B under system 1

Declared performance

Essential characteristics	Performance	Harmonised technical specification
Reaction to fire	Class A2-s1,d0	EN14306:2009+A1:2013

This declaration of performance is issued under the sole responsibility of the supplier Skamol A/S by

Susanna Knudsen, Quality Manager
 Skamol A/S



Declaration of Conformity

Vermiculite slabs



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Physical Properties, Specification:

Product delivered	Type of brick	Bulk density kg/m ³			Cold Crushing Strength MPa		LRS %		
		Nominal	LSL	USL	Nominal	LSL	Test temp. °C	Nominal	USL
	V-1100 (375)	375	325	425	1,3	1,0	1000	1,0	1,75
	V-1100 (475)	475	425	525	2,5	1,7	1000	1,0	1,25
	V-1100 (600)	600	550	650	4,2	2,9	1000	1,0	1,25
	V-1100 (700)	700	650	750	4,5	3,5	1000	1,0	1,25
	VIP-900	900	850	950	6,3	4,8	1100	1,1	1,75
	VIP-12	1200	1160	1260	9,5	7,5	1000	1,0	1,30
	VIP-12 HS	1225	1150	1300	17,5	15	1100	1,0	1,75

Physical Properties, Test Methods:

Bulk density	EN 1094-4
Cold Crushing Strength (CCS)	EN 1094-5
Linear Reheat Shrinkage (LRS)	EN 1094-6

Dimensional tolerances:

Standard boards:

Dimension	Length, Width	Thickness
≤ 1000x610 mm	± 2,5 mm	± 1,0 mm
1260x1000 mm	- 4,0 mm	± 1,0 mm

Dimensional tolerances of machined surfaces in mm:

0 < dim. < 120 mm	120 < dim. < 400 mm	400 < dim. < 600 mm	600 mm < dim.
± 1.0 mm	± 1,5 mm	± 2,0 mm	± 2,5 mm

Dimensions and tolerances are normally applied to matching drawing.

Sampleplan for testing is according to specification S14.01 defined in Skamol A/S quality assurance system.

Visual aspects according to specification S14.51.

Skamol A/S declare that the quality of the Vermiculite insulation slabs delivered, have been controlled according to specification and test methods as mentioned above.

The products are in conformity according to specification and sample plan.

Skamol A/S is DS/EN ISO 9001 certified.



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