



Declaration of Conformity

Calcium silicate insulating boards

Supplier:

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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
X	Skamotec225	225	195	255	2,8	1,7	1050	1,5	2,0

Maximum Service Temperature 1000 °C

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:

Lenght, Width	Thickness
± 2,5 mm	± 1,5 mm

Dimensional tolerances of machined surfaces in mm (the thickness of the shapes is normally not machined):

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.

Release of dangerous substances	No test method available	-
Continous glowing combustion	No test method available	-
Thermal Conductivity	10 °C 0,061 W/(mxK) 200 °C 0,07 W/(mxK) 400 °C 0,09 W/(mxK) 600 °C 0,12 W/(mxK)	EN12667 (λ 10) ASTM C-182 ASTM C-182 ASTM C-182
Dimensions	As stated on the packaging	-
Dimensional stability	0%	EN1604
Water vapour transmission, μ	7,84	EN12086

Skamol A/S declare that the quality of the Calcium silicate insulating boards delivered, have been controlled according to the above mentioned specification and test methods.

Sampleplan for testing is according to specification S12.01 defined in Skamol A/S' quality assurance system. The products are in conformity according to specification and sampleplan.

Data are average results of tests conducted under standard procedures and are subject to variation. Data contained in this performance declaration are supplied in good faith.

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

Susanna Knudsen , Quality Manager, Skamol A/S