

Declaration of Performance for the construction product



StoSilent Board MW 100

Unique identification code of the product-type	PROD3003 StoSilent Board MW 100 thermal insulation for buildings <i>See the container imprint for the batch number.</i>
Intended use/es	Inside of buildings
Manufacturer	Sto SE & Co. KGaA, Ehrenbachstr. 1, D-79780 Stühlingen
System/s of AVCP	System 3 (reaction to fire) System 4 (applies to all other "Essential characteristics" in the table)
Harmonised standard	EN 13162:2012 + A1:2015, EN ISO 10456:2007+AC:2009, EN 13964:2014
Notified body/ies	VTT Expert Services Ltd NB 0809 FIW München NB 0751
European Assessment Document	Not relevant
European Technical Assessment	Not relevant
Technical Assessment Body	Not relevant
Appropriate Technical Documentation and/or Specific Technical Documentation	test report no. L1-19-097 FIW Munich (expanded glass granulate layer: 6 mm)

Declared performance/s

Essential characteristics	Performance	AVCP system	Harmonised technical specification
Reaction to fire	A1 (mineral wool)	System 3	EN 13162:2012 + A1:2015
Reaction to fire	NPD (expanded glass granulate layer: 6 mm)	System 3	EN 13501-1:2017
Water vapour permeability	MU1 (mineral wool)		EN 13162:2012 + A1:2015
Sound absorption coefficient α_w	see test report M 100 960/24+27 of 18 December 2019, M100 960/15 of 18 December 2017, M100 960/18 of 15 February 2016 Müller BBM		EN ISO 354
Release of dangerous substances	NPD		EN 13964:2014
Declared thermal conductivity λ_D	0,040 W/(m*K) (mineral wool)		EN 13162:2012 + A1:2015
Declared thermal conductivity λ_D	0,079 W/(m*K) (expanded glass granulate layer: 6 mm)		EN ISO 10456:2007+AC:2009
Tensile strength perpendicular to faces	NPD (mineral wool)		EN 13162:2012 + A1:2015
Long-term water absorption	NPD (mineral wool)		EN 13162:2012 + A1:2015
Compressive strength at 10 % compression	CS (10) 20 (mineral wool)		EN 13162:2012 + A1:2015

NPD = no performance determined

The performance of the product identified above is in conformity with the set of declared performance/s. This declaration of performance is issued, in accordance with Regulation (EU) No 305/2011, under the sole responsibility of the manufacturer identified above.

Signed for and on behalf of the manufacturer by:



23.11.2020
Sto SE & Co. KGaA D-79780 Stühlingen

Francisco Ramos / Head of Business Fields Facade and Interiors

Attachment: Safety Data Sheet

The current valid version of the declaration of performance is available at www.sto.com/ce.



Sto SE & Co. KGaA

Ehrenbachstraße 1

D-79780 Stühlingen

01-0339-2

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NB 0809 NB 0751

PROD3003 StoSilent Board MW 100

EN 13162:2012 + A1:2015, EN 13501-1:2017, EN ISO 10456:2007+AC:2009 thermal insulation for buildings

Inside of buildings

Reaction to fire	A1 (mineral wool)
Reaction to fire	NPD (expanded glass granulate layer: 6 mm)
Water vapour permeability	MU1 (mineral wool)
Sound absorption coefficient α_w	see test report M 100 960/24+27 of 18 December 2019, M100 960/15 of 18 December 2017, M100 960/18 of 15 February 2016 Müller BBM
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