

# Declaration of Performance for the construction product StoDeco Element

<b>Unique identification code of the product-type</b>	PROD3149 StoDeco Element
<b>Intended use/es</b>	Three-dimensional facade elements made of volcanic lightweight granulate (Verolith) and epoxy resin for wall areas
<b>Manufacturer</b>	Sto SE & Co. KGaA, Ehrenbachstr. 1, D-79780 Stühlingen
<b>System/s of AVCP</b>	System 3 (reaction to fire) System 4 (applies to all other "Essential characteristics" in the table)
<b>Harmonised standard</b>	EN 15286:2013
<b>Notified body/ies</b>	MPA Stuttgart NB 0672
<b>European Assessment Document</b>	Not relevant
<b>European Technical Assessment</b>	Not relevant
<b>Technical Assessment Body</b>	Not relevant
<b>Appropriate Technical Documentation and/or Specific Technical Documentation</b>	Not relevant

## Declared performance/s

Essential characteristics	Performance	Harmonised technical specification
Reaction to fire	A2-s1, d0	EN 15286:2013
Water absorption	< 5%	EN 15286:2013
Thermal conductivity	T = 13 mm: 0.171 W/(m*K)	EN 15286:2013
Thermal conductivity	T = 26 mm: 0.170 W/(m*K)	EN 15286:2013
Release of dangerous substances	NPD	EN 15286:2013
Bending strength	≥ 2.5 N/mm <sup>2</sup>	EN 15286:2013
Resistance to fixing	NPD	EN 15286:2013
Resistance to thermal shock	93,6 %	EN 15286:2013
Durability of flexural strength against freeze-thaw cycling	D = 20 mm: 98,7 %	EN 15286:2013
Adhesion strength of StoDeco Coll adhesive	1.099 kN/m <sup>2</sup> (initial bond strength)	EN 15286:2013

*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:

ppa Francisco Ramos / Head of Business Fields Facade and Interiors

This copy was created by machine and is valid without signature.

14.03.2024

Sto SE & Co. KGaA, Ehrenbachstr. 1, D-79780 Stühlingen

The current valid version of the declaration of performance is available at [www.sto.com/ce](http://www.sto.com/ce).



Sto SE & Co. KGaA  
Ehrenbachstr. 1  
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**0101-0423-1**

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**NB 0672**

**PROD3149 StoDeco Element**

Three-dimensional facade elements made of volcanic lightweight granulate (Verolith) and epoxy resin for wall areas

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