

# Declaration of Performance for the construction product StoMiral<sup>®</sup> R

<b>Unique identification code of the product-type</b>	PROD0762 StoMiral <sup>®</sup> R
<b>Intended use/es</b>	coloured plastering mortar (CR) CS II Onto walls, ceilings, pillars, and separating walls in exteriors and interiors
<b>Manufacturer</b>	Sto SE & Co. KGaA, Ehrenbachstr. 1, D-79780 Stühlingen
<b>System/s of AVCP</b>	System 4 (reaction to fire) System 4 (applies to all other "Essential characteristics" in the table)
<b>Harmonised standard</b>	EN 998-1:2016
<b>Notified body/ies</b>	MPA NRW NB 0432
<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 998-1:2016
Water absorption	W <sub>c</sub> 2	EN 998-1:2016
Bond strength on concrete	≥ 0,08 N/mm <sup>2</sup> / fracture pattern B	EN 998-1:2016
Durability	NPD	EN 998-1:2016
Dangerous substances	NPD	EN 998-1:2016
Water vapour diffusion-equivalent air layer thickness μ	≤ 20	EN 998-1:2016
Thermal conductivity	≤ 0,45 W/(m*K) für P=50% graining ≤ 3 mm	EN 998-1:2016
Thermal conductivity	≤ 0,49 W/(m*K) für P=90% graining ≤ 3 mm	EN 998-1:2016
Thermal conductivity	≤ 0,82 W/(m*K) für P=50 % graining ≥ 4 mm	EN 998-1:2016
Thermal conductivity	≤ 0,89 W/(m*K) für P=90 % graining ≥ 4 mm	EN 998-1:2016

*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.

17.05.2024

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  
D-79780 Stühlingen

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NB 0432

**PROD0762 StoMiral® R**  
**EN 998-1:2016 coloured plastering mortar (CR) CS II**

Onto walls, ceilings, pillars, and separating walls in exteriors and interiors

Reaction to fire	A2-s1, d0
Water absorption	W <sub>c</sub> 2
Water vapour diffusion-equivalent air layer thickness $\mu$	$\leq 20$
Thermal conductivity	$\leq 0,45 \text{ W}/(\text{m}\cdot\text{K})$ für P=50% table value for graining $\leq 3 \text{ mm}$
Thermal conductivity	$\leq 0,49 \text{ W}/(\text{m}\cdot\text{K})$ für P=90% table value for graining $\leq 3 \text{ mm}$
	$\leq 0,82 \text{ W}/(\text{m}\cdot\text{K})$ for P=50 % table value for graining $\geq 4 \text{ mm}$
	$\leq 0,89 \text{ W}/(\text{m}\cdot\text{K})$ for P=90 % table value for graining $\geq 4 \text{ mm}$
Bond strength on concrete	$\geq 0,08 \text{ N}/\text{mm}^2$ / fracture pattern B
Durability	NPD
Dangerous substances	NPD