

## Declaration of Performance (DOP)

**ProRox SL 586**

DOP No: PROSL586CZ-02

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*This document is issued on the basis of EC-Certificate of Conformity nr. 0751-CPR.2-039.1-01*

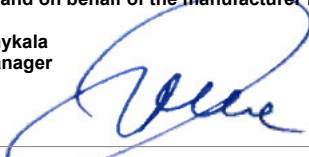
1. Unique identification code of the product-type: ProRox SL 586
2. Type, batch or serial number or any other element allowing identification of the construction product as required under article 11(4) of the CPR: See product label.
3. Intended use or uses of the construction product, in accordance with the applicable harmonized technical specification, as foreseen by the manufacturer: Thermal insulation of building equipment and industrial installations (ThIBEI).
4. Name, registered trade name or registered trade mark and contact address of the manufacturer as required under article 11(5):  
ROCKWOOL, a.s., Cihelní 769, 735 31 Bohumín, Czech Republic
5. Where applicable, name and contact address of the authorized representative whose mandate covers the tasks specified in article 12(2): Not relevant.
6. System or systems of assessment and verification of constancy of performance of the construction product as set out in CPR, Annex V: Systems 1 and 3.
7. In case of the declaration of performance concerning a construction product covered by a harmonized standard: Notified Certification body No. 0751 performed, carried out the determination of the product type, the initial inspection of the manufacturing plant and of factory production control and the continuous surveillance, assessment and evaluation of factory production control and issued the certificate of constancy of performance for reaction to fire.  
Notified testing laboratories No. 0751 performed the test reports for the other relevant declared characteristics.
8. Declared Performance:

Essential Characteristics		Performance							Harmonized technical specification
<b>Reaction to Fire</b>		A1							EN 14303:2009+A1:2013
<b>Acoustic absorption index</b>		Sound absorption: NPD							
<b>Thermal resistance</b>	<b>Thermal conductivity</b>	T (°C)	50	100	150	200	250	300	
		λ (W/mK)	0,043	0,048	0,054	0,061	0,068	0,077	
	<b>Thickness</b>	T (°C)	350	400	500	600	650	-	
		λ (W/mK)	0,086	0,097	0,119	0,145	0,160	-	
<b>Water permeability</b>		Water absorption: WS1 (≤ 1 kg/m <sup>2</sup> )							
<b>Water vapour permeability</b>		Water vapour diffusion equivalent air layer thickness: NPD							
<b>Compressive strength</b>		Compressive stress at 10% deformation: CS(10)50 (≥50kPa)							
<b>Rate of release of corrosive substances</b>		Trace quantities of water-soluble chloride ions: CL10 (≤ 10 ppm) pH-value: NPD							
<b>Release of dangerous substances</b>		NPD							
<b>Continuous glowing combustion</b>		NPD							
<b>Durability of reaction to fire against ageing / degradation</b>		NPD							
<b>Durability of thermal resistance against ageing / degradation</b>		NPD							
<b>Durability of reaction to fire against high temperature</b>		NPD							
<b>Durability of thermal resistance against high temperature</b>		Maximum service temperature: St(+)-650 (= 650 °C)							

The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 8. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by:

**Pawel Pomykala**  
 Factory Manager



Bohumín, 01.04.2020