

# Declaration of Performance

According to Annex III of the Regulation (EU) No. 305/2011

## HENSOTHERM® 310 KS

### LE\_310KSA\_GB\_V01\_02

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| <b>1. Product Type</b><br>Unique identification code of the product type   | <b>HENSOTHERM® 310 KS outdoor</b>  |
| <b>2. Type</b><br>Batch or serial number or any other element allowing identification of the construction product as required under Article 11 (4)                           | See label on the bucket  |
| <b>3. Indented Use</b><br>or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer         | Fire protection of structural steel “I” and “H”-shaped beam and column sections for up to a fire resistance classification of R120, and rectangular/square and circular hollow column sections up to a fire resistance classification of R60, for design temperatures in the range of 350°C up to 750°C.         |
| <b>4. Name, registered Trade Name</b><br>or registered trade mark and contact address of the manufacturer as required under Article 11 (5)                                   | Rudolf Hensel GmbH<br>Lack- und Farbenfabrik<br>Lauenburger Landstraße 11<br>21039 Börnsen<br>Germany  |
| <b>5. Contact Address</b><br>Where applicable, name and contact address of the authorised representative whose mandate covers the tasks specified in Article 12 (2)          | Not relevant (see 4)   |
| <b>6. AVCP</b><br>System or systems of assessment and verification of constancy of performance (AVCP) of the construction product as set out in CPR, Annex V                 | System 1   |
| <b>7. Notified Body (hEN)</b><br>In case of the Declaration of Performance (DoP) concerning a production product covered by a harmonised standard                            | Not relevant   |
| <b>8. Notified Body (ETA)</b><br>In case of the Declaration of Performance concerning a construction product for which a European Technical Assessment (ETA) has been issued | European Technical Assessment ETA 20/1230 issued by Element Materials Technology Rotterdam B.V. EAD 350402-00-1106 was used as European Assessment Document (EAD). The notified body 2812 performed third party tasks as set out in Annex V under System 1 and issued Certificate of Conformity 2812-CPR-GA5009. |

**9. Declared Performance**

Assessment method	Essential characteristic	Product performance
<b>BASIC WORKS REQUIREMENT 2: SAFETY IN CASE OF FIRE</b>		
EN 13501-1	Reaction to fire	Class E
EN 13501-2	Fire resistance	(R15 to R120) – IncSlow (I/H Beams and Columns) and (R15 to R60) – IncSlow (Hollow Columns) (see Annex A ETA 20/1230)
<b>BASIC WORKS REQUIREMENT 3: HYGIENE, HEALTH AND THE ENVIRONMENT</b>		
Manufacturer's declaration and EN 16516	Content, emission and or release of dangerous substances	Product specification doesn't contain dangerous substances given in Annex XVII of REACH and the ECHA Candidate List of Substances of Very High Concern Use categories: IA1 and S/W2
<b>BASIC WORKS REQUIREMENT 4: SAFETY AND ACCESSIBILITY IN USE</b>		
EAD 350402-00-1106 Clause 2.2.4 and Clause 2.2.5	Primer compatibility	<b>Steel substrates</b> Alkyd resin, solvent based Two component epoxy resin, solvent based <b>Galvanized steel substrates</b> Two component epoxy resin, solvent based
	Top coat compatibility	HENSOTOP 84 HENSOTOP SB HENSOTOP 2K PU HENSOTOP 84 AUSSEN Teknocryl 100
	Durability	Type X durability Type Y durability Type Z <sub>1</sub> durability Type Z <sub>2</sub> durability
	Working life	25 years for type Z <sub>2</sub> (indoor use)
EAD 350402-00-1106 Clause 2.3.5	Identification	Thermoanalytical analyses (TG) and Infrared spectroscopy analyses (IR)

10. The performance of the product identified in point 1 and 2 is in conformity with the declared performance in point 9. This Declaration of Performance (DoP) is issued under the sole responsibility of the manufacturer identified in point 4.

**Note:**

Besides the Declaration of Performance assessments, technical data sheets and material safety data sheets for our HENSOTHERM® and HENSOMASTIK® products are available as pdf download on [www.rudolf-hensel.de](http://www.rudolf-hensel.de). For further questions concerning our products, our technical team is available by phone +49 40 721062-48.

Signed for the manufacturer and on behalf of the manufacturer:

Börnsen, 2021-06-21

Volker Thewes  
Managing Director

ppa. Anja Peter (Dipl.-Ing. FH)  
Technical Director

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