

Declaration of Performance

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

HENSOTHERM® 310 KS rapid

LE_310KSRA_GB_V03_01

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| 1. Product Type
Unique identification code of the product type | HENSOTHERM® 310 KS rapid |
| 2. Type
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 |
| 3. Indented Use
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 circular and rectangular/square hollow column sections up to a fire resistance classification of R60, for design temperatures in the range of 350°C to 750°C. |
| 4. Name, registered Trade Name
or registered trade mark and contact address of the manufacturer as required under Article 11 (5) | Rudolf Hensel GmbH
Lack- und Farbenfabrik
Lauenburger Landstraße 11
21039 Börnsen
Germany |
| 5. Contact Address
Where applicable, name and contact address of the authorised representative whose mandate covers the tasks specified in Article 12 (2) | Not relevant (see 4) |
| 6. AVCP
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 |
| 7. Notified Body (hEN)
In case of the Declaration of Performance (DoP) concerning a production product covered by a harmonised standard | Not relevant |
| 8. Notified Body (ETA)
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 20/1259 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-GA5033. |

9. Declared Performance

Assessment method	Essential characteristic	Product performance
BASIC WORKS REQUIREMENT 2: SAFETY IN CASE OF FIRE		
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 20/1259)
BASIC WORKS REQUIREMENT 3: HYGIENE, HEALTH AND THE ENVIRONMENT		
Manufacturer's declaration and EN 16516	Content, emission and or release of dangerous substances	The product does not contain any hazardous substances listed in Annex XIV or XVII of the REACH Regulation. Please refer to the product safety data sheet for classification in accordance with Regulation (EC) No 1272/2008 (CLP) and information on the candidate list of substances of very high concern. Use categories: IA1 and S/W2
BASIC WORKS REQUIREMENT 4: SAFETY AND ACCESSIBILITY IN USE		
EAD 350402-00-1106 Clause 2.2.4 and Clause 2.2.5	Primer compatibility	Steel substrates Alkyd resin, solvent based Two component epoxy resin, solvent based
	Top coat compatibility	Teknocryl 100 HENSOTOP SB HENSOTOP 2K PU HENSOTOP 84 HENSOTOP 84 AUSSEN
	Durability	Type Y durability Type Z ₁ durability Type Z ₂ durability
	Working life	25 years for type Z ₂ (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.

11. The product passed the emission tests in accordance to AgBB and the guidelines of the DIBt (German Institute for Building Technology) up to 2.13 mm dry film thickness.

Note:

Besides the Declaration of Performance assessments, technical data sheets and material safety data sheets for our HENSOTHERM® and HENSOMASTIK® products are integral parts of the Declaration of Performance and are available as pdf download on 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, 2023-11-09

Volker Thewes
Managing Director

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

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