

Declaration of Performance

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

HENSOTHERM® 420 KS

LE_420KS_GB_V04_00

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| 1. Product Type
Unique identification code of the product type | HENSOTHERM® 420 KS |
| 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 steel structures with H- or I-profiles (columns and beams) and rectangular hollow sections for fire resistance up to 120 minutes according to EN 13501-2 and for design temperatures from 350°C up 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 12/050 issued by Warrington Certification Ltd. ETAG 018-1, edition April 2013, and ETAG 018-2, edition November 2011, were used as European Assessment Document (EAD). The notified body 1121 performed third party tasks as set out in Annex V under System 1 and issued Certificate of Conformity 1121-CPR-GA5004. |

9. Declared Performance

Essential Characteristics	Performance	Technical Specification
Mechanical resistance and stability	Not relevant	ETAG 018-2
Resistance to fire	R15 up to R120 Annex A ETA 12/0050	EN 13381-8 and EN 13501-2
Reaction to fire	Fire Rating Class E	EN 13501-1
Release of dangerous substances	The product specification has been compared with Annex XVII of REACH and the ECHA Candidate List of Substances of Very High Concern and it does not contain such substances.	
Safety in use	Not relevant	
Protection against noise	Not relevant	
Energy, economy and heat retention	Not relevant	
Primer compatibility	Steel substrates Alkyd resin, solvent based Two component epoxy resin, solvent based Water based acrylic Galvanized steel substrates Two component epoxy resin, solvent based Water based acrylic	ETAG 018-2
Top coat compatibility	HENSOTOP 84, HENSOTOP 84 AQ, HENSOTOP SB, HENSOTOP WB, HENSOTOP 2K PU, Teknocryl 100	ETAG 018-2
Durability	Type X, Y, Z ₁ and Z ₂	ETAG 018-2

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. 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, 2018-10-29

Volker Thewes
Managing Director

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

The information provided herein reflects the current state of our technical testing and experience with the use of this product. However, the buyer/user is hereby not relieved of their duty, at their own responsibility, to properly examine our materials for their suitability for the intended use based on the respective site conditions. Legal claims for damages arising from the use of this product for purposes other than, or in a manner that differs from, the description contained herein without our prior written approval are precluded and may not be asserted against us. In light of the circumstance that we have no influence over site conditions and various factors that could influence the performance and use of our product, a guarantee of results or liability, regardless of legal grounds, cannot be derived from this information or from verbal consultation provided by one of our employees unless we may be accused of intent or gross negligence. Our General Terms and Conditions apply for all other purposes. The most recent version of our technical data sheet is valid and may be requested from the Rudolf Hensel GmbH or downloaded at www.rudolf-hensel.de

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